

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Abaqus GUI Customization

Function	BR	APAR	Abstract	BR detection level
Abaqus GUI Customization	BR10000113159		Using the RSG Dialog builder in Abaqus/CAE.	6.11 Golden (6.11-1)
Abaqus GUI Customization	BR10000113270		Abaqus GUI Toolkit function getCurrentTreeTab()	6.10-1Golden
Abaqus GUI Customization	BR10000131769		Abaqus/CAE throws an incorrect error when there is a conflict creating a parallel edge constraint using a scripting command	6.11 Golden (6.11-1)

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Abaqus Interfaces

Function	BR	APAR	Abstract	BR detection level
Abaqus Interfaces	BR10000125370		The Abaqus/CAE input file reader does not read *Fluid Boundary,Type=Element keyword correctly.	6.12 Golden (6.12-1)
Abaqus Interfaces	BR10000125474		Elements get ignored without diagnostic messages when *END PART appears amongst the data lines of *ELEMENT	6.11 SP2 (6.11-2)
Abaqus Interfaces	BR10000134607		Pre.exe reads input deck incorrectly if space(s) is in front of *keyword.	6.12 Golden (6.12-1)
Abaqus Interfaces	BR10000134906		A specific Abaqus/Explicit model exits during preprocessing phase without meaningful error messages	6.12 Golden (6.12-1)

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Abaqus Python Dev Environment

Function	BR	APAR	Abstract	BR detection level
Abaqus Python Dev Environment	BR10000113394		Incorrect information In the Abaqus Scripting Reference Manual	6.10-1Golden
Abaqus Python Dev Environment	BR10000123532		The upgradeScript utility in the Abaqus 6.11 release does not upgrade from 6.10-EF to 6.11. The upgradeScript utility in versi	6.11 Golden (6.11-1)
Abaqus Python Dev Environment	BR10000123549		If Abaqus/PDE is set to record the creation of a customized GUI Toolbar and then you decide to delete the new Toolbar in that s	6.8-1
Abaqus Python Dev Environment	BR10000129752		Missing PythonPATH for Tkinter libraries	6.12 Golden (6.12-1)
Abaqus Python Dev Environment	BR10000131639		Abaqus/PDE fails to reload any modules	6.12 Golden (6.12-1)

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Abaqus Scripting Interface

Function	BR	APAR	Abstract	BR detection level
Abaqus Scripting Interface	BR10000123175		Element set is actually named SteadyStatePlane-Stepn.	6.11 Golden (6.11-1)
Abaqus Scripting Interface	BR10000125892		The Abaqus Scripting Reference manual omits to document ODB API methods to extract complex output results	6.11 Golden (6.11-1)
Abaqus Scripting Interface	BR10000134655		The Abaqus Scripting Reference Manual mistakenly lists kineticEnergy as a member of the FluidTurbulence object.	6.12 Golden (6.12-1)
Abaqus Scripting Interface	BR10000134728		Abaqus Scripting reference manual incorrectly describes information on the SURFACE_NODAL	6.12 SP2 (6.12-2)
Abaqus Scripting Interface	BR10000137172		Abaqus ODB API does not allow users to add field output data to a FieldOutput object of type TENSOR_3D_SURFACE.	6.12 SP3 (6.12-3)
Abaqus Scripting Interface	BR10000137794		Abaqus Scripting Reference Manual Section 34.15.2 incorrectly documents the arguments to the constructor.	6.12 Golden (6.12-1)

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Abaqus Translators

Function	BR	APAR	Abstract	BR detection level
Abaqus Translators	BR10000131895		The toOutput2 translator gives incorrect zero values for SF3	6.12 Golden (6.12-1)
Abaqus Translators	BR10000133821		The Abaqus tonastran translator incorrectly writes the G1 node to the Nastran BDF file for pressure loads applied to tetrahedral elements..	6.12 Golden (6.12-1)
Abaqus Translators	BR10000137642		Translation of TSHELL elements in LS-DYNA using fromdyna translator to continuum shell elements in Abaqus	6.12 Golden (6.12-1)
Abaqus Translators	BR10000138665		Translation of LS-DYNA file into incorrect *CONNECTOR BEHAVIOR in Abaqus file	6.12 SP2 (6.12-2)

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Adaptive

Function	BR	APAR	Abstract	BR detection level
Adaptive	BR10000129245		Tire wear model documneted incorrectly.	6.11 SP2 (6.11-2)

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Analysis Techniques

Function	BR	APAR	Abstract	BR detection level
Analysis Techniques	BR10000133072		The coupling constraints cannot be displayed in Abaqus/Viewer	6.12 Golden (6.12-1)
Analysis Techniques	BR10000133207		A particular Abaqus Design Sensitivity Analysis aborts with a signal 6 error message in the log (.log) file if Temperature-dependent elastic properties, *EXPANSION, *SPECIFIC HEAT or *CONDUCTIVITY are used when defining the material.	6.10-1Golden
Analysis Techniques	BR10000135613		Signal 11 abort when using *INERTIA RELIEF	6.11 Golden (6.11-1)
Analysis Techniques	BR10000135628		An Abaqus/Explicit analysis with *Media Transport may require an excessive amount of memory when run in parallel using multiple cpus. The workaround is to use fewer cpus.	6.12 Golden (6.12-1)
Analysis Techniques	BR10000135763		A particular Abaqus/Explicit to Abaqus/Standard analysis terminates abruptly without any valid error message when run in parallel on multiple nodes.	V6R2014
Analysis Techniques	BR10000135914		For Abaqus/Explicit Coupled Eulerian-Lagrangian analyses involving the modified Drucker-Prager/Cap plasticity material definition, the stable time increment might reduce significantly when the material in the Eulerian elements become plastic	6.11 Golden (6.11-1)
Analysis Techniques	BR10000136397		An Abaqus/Standard SSD analysis with piezoelectric elements, produces non-zero imaginary value of EPOT and RCHG	6.10-1Golden
Analysis Techniques	BR10000137904		An Abaqus/Standard model using *MAP SOLUTION aborts with an error code	6.12 Golden (6.12-1)
Analysis Techniques	BR10000139048		Abaqus/Explicit Coupled Eulerian-Lagrangian analysis aborts with an excessive distortion of Eulerian element error message.	6.12 Golden (6.12-1)
Analysis Techniques	BR10000139064		In an Abaqus/Explicit Analysis with *PERIODIC MEDIA the outlet velocity will be incorrectly set to zero	6.12 SP3 (6.12-3)
Analysis Techniques	BR10000139365		The substructure generation analysis using AMS fails intermittently for generating Craig-Bampton substructures	6.13 Golden (6.13-1)
Analysis Techniques	BR10000140252		Unclear error message in a restart Abaqus/Standard analysis	6.13 Golden (6.13-1)
Analysis Techniques	BR10000140640		An Abaqus/Standard heat transfer analysis with *Symmetric Model Generation and *Contact Pair definitions may terminate	6.12 Golden (6.12-1)
Analysis Techniques	BR10000140763		Co-simulation execution doesn't work on Microsoft HPC env.	V6R2014
Analysis Techniques	BR10000140766		Energy-based mode mix measures, that are computed based on accumulated energies in the normal and shear fracture modes, leads to incorrect predictions in problems dominated by mixed-mode fracture.	6.12 SP4 (6.12-4)
Analysis Techniques	BR10000140970		An Abaqus/Standard analysis with the amplitude defined using the UAMP user subroutine may pass an incorrect value.	6.12 SP2 (6.12-2)
Analysis Techniques	BR10000141397		An Abaqus/Explicit coupled thermal-stress analysis involving Eulerian elements(EC3D8RT) may terminate without any valid error message.	V6R2014

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Assembly

Function	BR	APAR	Abstract	BR detection level
Assembly	BR10000113452		Abaqus/CAE uses a large amount of memory (>1GB) when creating various solid extrude features in a particularly simple geometry.	6.10-1Golden
Assembly	BR10000122763		Abaqus/CAE assembly level querying mass properties values are incorrect if a Point mass/inertia is added to a orphan part.	6.11 Golden (6.11-1)
Assembly	BR10000131000		When merging instances in the Assembly module, Abaqus/CAE may abort,	6.12 Golden (6.12-1)
Assembly	BR10000139032		Abaqus/CAE shows hidden instance status as shown in model tree, if the part of that instance is edited.	6.12 SP2 (6.12-2)
Assembly	BR10000141256		Datum point offset from 2 edges fails for a particular model	6.12 Golden (6.12-1)

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Associative Interfaces

Function	BR	APAR	Abstract	BR detection level
Associative Interfaces	BR10000136089		Two bodies of the same part are merged when a body is updated in Catia v5 and exported to Abaqus CAE	6.12 SP3 (6.12-3)
Associative Interfaces	BR10000141923		Abaqus/CAE throws error message "Error: 'Parameter update not supported for 5'" while trying to update parameters for ProE Creo Elements/Pro 5.0.	6.12 SP3 (6.12-3)

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CAE

Function	BR	APAR	Abstract	BR detection level
CAE	BR10000113468		If Abaqus/CAE is run with the default graphics environment on SLES10 or SLED10, printing images may crash the Xserver. Workarou	6.7-1
CAE	BR10000128139		Unable to submit Windows HPC jobs from Abaqus/CAE release 6.12.	6.12 Golden (6.12-1)
CAE	BR10000129111		Abaqus/Viewer aborts while probing contour plot results.	6.11 Golden (6.11-1)
CAE	BR10000130614		Abaqus/CAE aborts when writing an input fle	6.10-1Golden
CAE	BR10000131729		When a Concentrated pore fluid load definition is used in a model, Abaqus/CAE writes *CLOAD instead of *CFLOW.	6.12 Golden (6.12-1)

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CAE, Standard

Function	BR	APAR	Abstract	BR detection level
CAE, Standard	BR10000126344		Abaqus/CAE GUI for AMS solver may write incorrect information to the input file.	6.11 SP2 (6.11-2)

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CAE, Standard, Explicit

Function	BR	APAR	Abstract	BR detection level
CAE, Standard, Explicit	BR10000132506		BR10000115775 Abaqus PDE error when opening a file on a network drive gives the error message, "File ./z:/<path_to_python_file>/*.py does not exist	6.12 Golden (6.12-1)
CAE, Standard, Explicit	BR10000135593		When substructures are imported and included with other components(rigid bodies) in Abaqus/CAE, the element numbers of substructures are conflict with other element numbers in Abaqus input file.	6.12 SP2 (6.12-2)
CAE, Standard, Explicit	BR10000137691		After importing an input file with *Connector Derived Component keywords, attempts to write an input file of the imported model cause Abaqus/CAE to incorrectly write extra *Connector Derived Component keywords.	6.12 Golden (6.12-1)

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CFD

Function	BR	APAR	Abstract	BR detection level
CFD	BR10000132777		Abaqus/CFD mesh error during initialization	6.10-1Golden
CFD	BR10000132868		The Abaqus Analysis User's Manual and Keywords Reference Manual omit to document how the volumetric thermal expansion co-efficient should be defined in an Abaqus/CFD analysis.	6.11 SP2 (6.11-2)
CFD	BR10000135675		Abaqus/CAE writes deprecated section keyword for CFD	6.13 Golden (6.13-1)

Closed Issues for :6.13 Golden (6.13-1)

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Connector

Function	BR	APAR	Abstract	BR detection level
Connector	BR10000140767		Requesting derived component output (CDERF/CDERU) in a model with different number of *Derived Component that form the connector potential may abort.	6.12 SP4 (6.12-4)

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Constraint

Function	BR	APAR	Abstract	BR detection level
Constraint	BR10000121290		Erroneus internal tie constraint	6.11 Golden (6.11-1)
Constraint	BR10000122758		Job aborts in pre.exe when the slave surface in a *TIE constraint does not exist	6.11 SP2 (6.11-2)
Constraint	BR10000126163		An Abaqus dynamic temperature-displacement explicit analysis may give incorrect temperature results.	6.11 Golden (6.11-1)
Constraint	BR10000127274		Abaqus/Standard terminates in pre.exe if the master surface of a *TIE includes both the host elements and embedded elements of a *EMBEDDED ELEMENT constraint.	6.11 Golden (6.11-1)
Constraint	BR10000129743		A particular Abaqus/Explicit analysis involving multiple *Tie, Adjust=Yes constraints does not correctly adjust some slave nodes.	6.12 Golden (6.12-1)
Constraint	BR10000130550		In an Abaqus/Explicit analysis with *TIE constraint defined to constrain a surface to a three-dimensional beam, only part of the slave nodes will be tied to the master surface if the master surface of the beam is a node-based surface.	6.12 Golden (6.12-1)
Constraint	BR10000131528		Issuing an error for using the same name for multiple TIE constraints	6.12 Golden (6.12-1)
Constraint	BR10000132647		An Abaqus/Standard analysis involving a kinematic coupling undergoing large rotations close to 2*pi may show convergence issues due to errors in the rotation correction during Newton iterations.	6.11 Golden (6.11-1)
Constraint	BR10000134912		Using c3d20r-elements returns unrealistic results with uniform weighting method of *distributing + *coupling and a small influence radius	6.12 Golden (6.12-1)
Constraint	BR10000135309		A particular Abaqus/Standard analysis with *RIGID BODY and *NODE OUTPUT, EXTERIOR aborts in the datacheck phase with the system error code 1073741819 on Windows machines.	6.12 SP3 (6.12-3)
Constraint	BR10000139727		User defined position tolerance in a tie constraint may lead to incorrect constraints being formed	6.12 SP3 (6.12-3)

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Constraints

Function	BR	APAR	Abstract	BR detection level
Constraints	BR10000135267		Distributed coupling causes bad memory estimate	6.11 SP3 (6.11-3)
Constraints	BR10000135742		A coupled temperature displacement analysis can't tie the degrees of freedom for two shell-edges	V6R2013
Constraints	BR10000136177		An Abaqus/Standard model model with definitions of *DISTRIBUTING COUPLING aborts with "Signal-11" error in the file-preprocessing stage.	6.12 Golden (6.12-1)
Constraints	BR10000141398		If the input file is defined in terms of an assembly of part instances, the names of the *TIE definitions are not flattened (i.e. prefixed by the assembly name and part instance name) for *TIE definitions occurring at the part level of the model definiti	6.12 Golden (6.12-1)

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Contact

Function	BR	APAR	Abstract	BR detection level
Contact	BR10000113402		An particular 2-step Abaqus/Explicit analysis terminates in the beginning of second step with excessive element distortion caus	6.10-EF Golden
Contact	BR10000113455		A particular Abaqus/Explicit full vehicle analysis hangs indefinitely at the beginning of the analysis phase.	6.10-1Golden
Contact	BR10000122130		Using a rigid surface as master surface in one *PRESSURE PENETRATION definition and using deformable surfaces in other *PRESSURE PENETRATION definitions may cause the analysis to abort	6.11 SP2 (6.11-2)
Contact	BR10000122936		Incorrect contact output returned from UMESHMOTION through GETVRMAVGATNODE utility routine	6.10-1Golden
Contact	BR10000126327		Abaqus documentation in the Analysis Users Guide incorrectly states that Abaqus/Explicit general contact cannot use NO SEPARATION surface behavior.	6.11 Golden (6.11-1)
Contact	BR10000128640		If *CONTACT INITIALIZATION ASSIGNMENT is used with contact pairs, the job aborts	6.11 Golden (6.11-1)
Contact	BR10000129750		Time Tolerance Issue with CSE	6.12 Golden (6.12-1)
Contact	BR10000131365		A two-step Abaqus/Explicit analysis may give incorrect CSDMG output in the second step of the analysis.	6.12 Golden (6.12-1)
Contact	BR10000132041		In an Abaqus/Standard analysis with temperature dependent friction defined, if the surface to surface algorithm is used in a contact pair involving a rigid surface, then the analysis assumes the temperature of the rigid body to be always zero for the fri	6.10-1Golden
Contact	BR10000132199		In Abaqus/Standard the 2D beam thickness is not considered in both the surface-to-surface contact pairs modeling and general contact modeling.	6.12 Golden (6.12-1)
Contact	BR10000132208		ABA_SCALE_STD_CONTACT_CONNECTIVITY	6.9 Golden (6.9-1)
Contact	BR10000132443		An Abaqus/Standard 2-D axisymmetric model using the *CONTACT PAIR, TYPE=SURFACE TO SURFACE contact definition shows excessive penetration if the initial overclosure is very large.	6.12 Golden (6.12-1)
Contact	BR10000132507		Integer overflow for the case of dense constraint equations	6.12 Golden (6.12-1)
Contact	BR10000133424		In Abaqus/Explicit analysis involving general contact, an analytical rigid surface and an additional kinematic *CONTACT PAIR not concerning the analytical rigid surface, the analysis will issue a misleading error message during the datacheck phase.	6.11 Golden (6.11-1)
Contact	BR10000134032		Feature Edges in General Contact	6.11 SP2 (6.11-2)
Contact	BR10000134147		In Abaqus/Standard, change of SDI specific time-incrementation controls parameters changes the total number of iterations instead of just the SDIs	6.11 Golden (6.11-1)
Contact	BR10000134162		Documentation erroneously states the condition for automatic element type conversion of C3D20 and C3D15 elements.	6.12 Golden (6.12-1)
Contact	BR10000134569		Abaqus/Standard analysis using *ELGEN keyword generates incorrect element connectivity for COH3D8P elements.	6.11 Golden (6.11-1)
Contact	BR10000134778		Abaqus/Standard aborts when a surface generated from 2D truss elements is defined as the master surface in a surface to surface contact pair.	6.11 Golden (6.11-1)
Contact	BR10000135662		For models using general contact where the general contact domain includes feature edges, Abaqus/Standard may not fully resolve initial penetrations of edges during initial strain-free adjustments.	6.13 Golden (6.13-1)
Contact	BR10000135668		An Abaqus/Explicit analysis with feature edges included in general contact may abort when run with multiple domains.	6.13 Golden (6.13-1)
Contact	BR10000135671		For Abaqus/Standard contact simulations employing edge-to-surface contact, where contacting edges belong to surfaces for which geometric corrections have been specified, the direction used to compute the geometric correction at a location on an edge can	6.13 Golden (6.13-1)
Contact	BR10000135672		Calculation of the geometric corrections by Abaqus/Standard along edges involved in edge-to-surface contact can be insufficiently accurate for edges belonging to quadratic elements if the mid-edge nodes were not positioned exactly on the original geometr	6.12 Golden (6.12-1)
Contact	BR10000136164		Abaqus/Explicit incorrectly neglects the parameter OFFSET in *SHELL SECTION definition when shell elements S4R share nodes with solid elements C3D8R.	6.9 Golden (6.9-1)
Contact	BR10000136642		In Abaqus/Standard analysis if the keyword *Surface Property Assignment, Type=Thickness is used multiple times, only the last record is really used.	6.12 SP4 (6.12-4)
Contact	BR10000137283		An Abaqus/Standard analysis with multiple *PRESSURE PENETRATION definitions in different steps may abort.	6.12 SP2 (6.12-2)
Contact	BR10000137619		Contact is ignored when cohesive behavior is included in Abaqus/Explicit	6.11 Golden (6.11-1)
Contact	BR10000140141		Abaqus/Standard analysis involving general contact on surfaces with large aspect ratio may track incorrectly causing element distortion.	6.12 SP4 (6.12-4)
Contact	BR10000140641		lIn Abaqus/Standard analysis, in presence of more than one underlying stiffness groups for a contact pair in symmetric model generation, the underlying and penalty stiffnesses may be computed incorrectly.	6.11 Golden (6.11-1)

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Content

Function	BR	APAR	Abstract	BR detection level
Content	BR10000121141		Orientations associated with engineering features (Rotary inertia) do not write to the INP file when parts and assemblies are not used.	6.11 Golden (6.11-1)
Content	BR10000124227		Step dependent explanation of debond behavior for VCCT analysis	6.11 Golden (6.11-1)
Content	BR10000124600		Abaqus Scripting Reference manual incorrectly documents some meshing commands.	6.11 SP2 (6.11-2)
Content	BR10000126242		Figure 582 of the Abaqus/CAE User's manual displays an out-of-date screen capture of the Edit Mapped Field dialog box.	6.12 Golden (6.12-1)
Content	BR10000126245		Section 42.2, "Overview of results selection from the current model database," of the Abaqus/CAE User's Guide incorrectly states that you cannot navigate from frame to frame when you display model data. The section also includes Surface Film Coefficient	6.12 Golden (6.12-1)
Content	BR10000126401		The variable required for DSLS licensing in ABAQUS 6.12 is incorrectly documented.	6.12 Golden (6.12-1)
Content	BR10000126427		STL import/export is not supported on linux	6.12 SP2 (6.12-2)
Content	BR10000126929		Section 11.19.5 Setting the approximate size of the new part in the Abaqus/CAE user's manual is incorrect	6.11 Golden (6.11-1)
Content	BR10000126978		Section 10.7 Accessing the C++ interface from an existing application in 6.12 Abaqus Scripting User's Manual incorrect.	6.11 SP3 (6.11-3)
Content	BR10000128428		Abaqus/CAE User's manual incorrectly documents that all of the Abaqus plug-ins are stored in abaqus_dir\abaqus_plugins, where abaqus_dir is the Abaqus parent directory.	6.12 Golden (6.12-1)
Content	BR10000128638		Documentation about Section D.4 Using a network ODB connector (Abaqus Installation and Licensing Guide)	6.12 Golden (6.12-1)
Content	BR10000129486		Abaqus documentation regarding *AMPLITUDE, DEFINITION=SMOOTH STEP incompiles with the error message	6.11 SP4 (6.11-4)
Content	BR10000129629		Abaqus/CAE User's Manual does not mention MPCs cannot be visualized under Display Groups in the Visualization module.	6.11 Golden (6.11-1)
Content	BR10000130343		Abaqus/Standard Analysis using S4R elements, incorrect equivalent plastic strains results are displayed in Abaqus/Viewer.	6.12 Golden (6.12-1)
Content	BR10000131129		Links to FOX 1.0 in CAE/Viewer Help>About Abaqus and in CAE/Viewer splash screens should be updated	6.12 SP3 (6.12-3)
Content	BR10000132222		In the python ODB API odbSet object does not have the instanceNames member as documented in the Abaqus Scripting Reference manual.	6.12 Golden (6.12-1)
Content	BR10000132928		An Abaqus/Standard analysis with many *Static, *Frequency and *Complex Frequency steps aborts.	6.11 Golden (6.11-1)
Content	BR10000133127		A contradictory statement for SIM based Lanczos eigenvalue extraction procedure in Abaqus Keywords Manual Release 6.12 on keyword *DAMPING, STRUCTURAL and Selecting the modes and specifying damping - Material damping, of Analysis User's Manual.	6.12 SP2 (6.12-2)
Content	BR10000133759		Abaqus Scripting Reference manual incorrectly documents that localCsys argument in assignMaterialOrientation() method and localCsys1 and localCsys2 arguments in ConnectorOrientation() method can be set to None for specifying global coordinate sys	6.12 Golden (6.12-1)
Content	BR10000134342		Section "10.14 Improving the efficiency of your scripts" in the Abaqus Scripting User's manual omits to document the examples.	6.12 Golden (6.12-1)
Content	BR10000135157		In "Element-based surface definition," the documentation incorrect.	6.12 Golden (6.12-1)
Content	BR10000135330		The documentation states that output variable STH in Abaqus/Explicit is available only for shell and membrane elements. However, it is also available for plane stress elements.	6.9 Golden (6.9-1)
Content	BR10000135821		A typo in Section "4.8.1 writelImageAnimation(...)" in the Abaqus Scripting Reference manual	6.12 SP2 (6.12-2)
Content	BR10000136686		In subsection "Elements" incorrect information on elements cannot be mixed in a singe connected fluid domain.	6.12 Golden (6.12-1)
Content	BR10000137628		A particular Abaqus/Standard acoustic analysis with *Steady State Dynamics, Real Only procedure aborts with the System error 3 std_ElemWorkspaceManager::DeAllocate error message in a message (.msg) file.	6.12 Golden (6.12-1)
Content	BR10000138821		In Abaqus/CAE release 6.12-1 a user no longer needs to specify the 'Topology'.	6.12 Golden (6.12-1)
Content	BR10000140503		.CAE model cannot be generated	6.12 Golden (6.12-1)

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Co-Simulation

Function	BR	APAR	Abstract	BR detection level
Co-Simulation	BR10000124625		The Abaqus/CAE GUI kill button may be ineffective in cases where a co-simulation analysis hangs.	6.12 Golden (6.12-1)
Co-Simulation	BR10000126050		Discrepancy between single and multiple processors runs for a co-simulation analysis using Abaqus/CFD and Abaqus/Standard	6.11 Golden (6.11-1)
Co-Simulation	BR10000131284		Simulation aborts during registering mesh with SIMULIA Co-Simulation Engine when the Abaqus model uses C3D6T and C3D6 elements.	6.12 Golden (6.12-1)
Co-Simulation	BR10000133419		Abaqus/Standard aborts with a memory access exception during a co-simulation.	6.12 Golden (6.12-1)
Co-Simulation	BR10000133521		Abaqus/Standard-Abaqus/Explicit cosimulation job aborts	6.12 SP2 (6.12-2)
Co-Simulation	BR10000134124		Mixed shells/continuum elements not allowed in cosimulation domain	6.11 Golden (6.11-1)
Co-Simulation	BR10000134508		Nodal concentrated forces are not imported by Abaqus/Standard during a co-simulation.	6.11 Golden (6.11-1)
Co-Simulation	BR10000135027		Abaqus/Explicit does not correctly define the coordinate system in case of an axisymmetric model with CAX3 element type.	6.11 Golden (6.11-1)
Co-Simulation	BR10000136258		abort in cosimulation before establishing port connection on Win 64	6.12 SP3 (6.12-3)
Co-Simulation	BR10000139606		Abaqus/CFD exits with SIMASSERT error when run with cpus=60	6.12 SP2 (6.12-2)
Co-Simulation	BR10000140765		The Abaqus co-simulation example problem, "Dynamic impact of a scooter with a bump", produces unrealistic results if 4 or more	6.10-1Golden
Co-Simulation	BR10000140828		Co-simulation analysis with invalid hostnames hangs. Ideally, a check on the validity of hostnames should be performed.	6.12 Golden (6.12-1)
Co-Simulation	BR10000141883		In Abaqus\CAE in edit Co-execution dialog box under parallelization tab, GPGPU acceleration can be changed without selecting the check box	6.12 SP2 (6.12-2)

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Database

Function	BR	APAR	Abstract	BR detection level
Database	BR10000127445		Abaqus/CAE gives error and/or aborts when deleting parts or models saved in a database but not loaded	6.12 SP2 (6.12-2)
Database	BR10000132387		Abaqus/CAE Release 6.12 creates input files showing keyword parameter VARIABLE=PRESELECT omitted on *OUTPUT when option Output for rebar is selected	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Deployment

Function	BR	APAR	Abstract	BR detection level
Deployment	BR10000137185		When terminating a job that is in a DSLS licensing queue, the license checkout request is not immediately canceled.	V6R2013
Deployment	BR10000137941		Setting the Iminterleave parameter to ON in an abaqus_v6.env file will cause jobs to abort.	V6R2013

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Dynamics

Function	BR	APAR	Abstract	BR detection level
Dynamics	BR10000124380		Incorrect volumetric acceleration load in the comments of a verification input file	6.11 Golden (6.11-1)
Dynamics	BR10000125061		Incorrect warning message	6.10-EF SP2=6.10-EF2
Dynamics	BR10000125140		*STEADY STATE DYNAMICS, DIRECT analysis with user subroutine UAMP fails to ignore the user subroutine and does not issue any warning message.	6.10-1Golden
Dynamics	BR10000132327		Abnormal deformation of continuum shell elements in Abaqus/Explicit	6.12 Golden (6.12-1)
Dynamics	BR10000135155		An Abaqus/Explicit analysis with general contact ignores heat generation.	6.12 SP2 (6.12-2)
Dynamics	BR10000135673		A modal analysis that uses the SIM architecture and is performed on multiple cores requires excessive amount of memory if the model includes an element with a large number of degrees of freedom (over 1000).	6.12 Golden (6.12-1)
Dynamics	BR10000135827		A particular restart analysis using Abaqus/Explicit aborts with signal 11 error.	6.12 SP2 (6.12-2)
Dynamics	BR10000135865		Bug in 9.1.6 Coupled acoustic-structural analysis of a pick-up truck, Example Problems Manual	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Electromagnetic

Function	BR	APAR	Abstract	BR detection level
Electromagnetic	BR10000127612		A transient electromagnetic analysis aborts if the imaginary parameter is specified with the distributed volume or surface current density loading options.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Elements

Function	BR	APAR	Abstract	BR detection level
Elements	BR10000121770		Although CAXA3n is not released, it can still be defined in finite element model and Abaqus does not block it properly.	6.9 Golden (6.9-1)
Elements	BR10000124381		Analysis aborts when average temeprature type surface radiation on a surface with C3D10MT element-facets is used	6.11 Golden (6.11-1)
Elements	BR10000124533		In an Abaqus/Standard analysis involving anisotropic point mass defined by using the definitions of *MATRIX and user element, the information about moments of inertia for the whole model generated in the data (.DAT) file might not be correct.	6.11 Golden (6.11-1)
Elements	BR10000124747		Urgency 3 : Skinning of C3D10MT elements with S3RT leads to a spurious error when SRADIATE is used with 'AVG' option	6.11 Golden (6.11-1)
Elements	BR10000127000		Incorrect results when the previously applied connector motion is removed along with activating a connector load	6.10-1Golden
Elements	BR10000127238		Abaqus/Explicit aborts when the requested number of SPH particles is one	6.12 Golden (6.12-1)
Elements	BR10000127388		Documentation on *GASKET SECTION, STABILIZATION STIFFNESS does not clearly illustrate how the user should specify the stiffness value.	6.11 Golden (6.11-1)
Elements	BR10000129264		Possible bug with fluid exchange definition	6.12 Golden (6.12-1)
Elements	BR10000131165		*ADJUST used with an analytical rigid surface trigiers an abort	6.12 Golden (6.12-1)
Elements	BR10000131449		Adaptive mesh refinement fails in Eulerian regions in an Abaqus/Explicit analysis in presence of surface loads on Lagrangian surfaces.	6.12 Golden (6.12-1)
Elements	BR10000133597		Abaqus/Explicit smoothed particle hydrodynamics (SPH) analysis aborts with system error "Illegal floating point operation" (signal 8).	6.12 Golden (6.12-1)
Elements	BR10000134327		Abaqus/Explicit smoothed particle hydrodynamics (SPH) analysis show non-physical deformations of the SPH particles.	6.12 Golden (6.12-1)
Elements	BR10000135858		An Abaqus/Explicit smoothed particle hydrodynamics (SPH) analysis may abort with system error "Signal 11".	6.12 Golden (6.12-1)
Elements	BR10000135920		Accelerometer connector output	6.11 Golden (6.11-1)
Elements	BR10000136421		Incorrect strain and force results for a SLIPRING connector with NLGEOM=NO	6.12 Golden (6.12-1)
Elements	BR10000137007		Through-thickness thermal strains for continuum shells	6.11 SP2 (6.11-2)
Elements	BR10000137572		Abaqus/CFD does not abort when an undefined node set is specified in the data lines of *Boundary to define a moving boundary.	6.12 Golden (6.12-1)
Elements	BR10000138647		Abort in double precision packager in a model with discrete particle elements	6.13 Golden (6.13-1)
Elements	BR10000138667		Discrete Particle element (PD3D) is not added to _Whole_Model_Gravity_Elset in gravity-type *DLOAD	6.13 Golden (6.13-1)
Elements	BR10000138742		Connector Damage may not be enforced properly by Abaqus/Explicit in a cyclic loading case with component of relative motion used as damage criterion	6.12 Golden (6.12-1)
Elements	BR10000142675		An Abaqus/Explicit smoothed particle hydrodynamics particle conversion analysis does not take into account the *Initial Conditions",	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Equation Solver

Function	BR	APAR	Abstract	BR detection level
Equation Solver	BR10000123179		The definition of ratio for singularities in AMS eigensolver is the reciprocal of that used in other solvers.	6.11 Golden (6.11-1)
Equation Solver	BR10000130501		An Abaqus/Standard heat transfer analysis involving cavity radiation method with unconnected regions aborts with signal-11 error message	6.12 Golden (6.12-1)
Equation Solver	BR10000133204		Abaqus/Standard analysis with *CYCLIC SYMMETRY MODEL and two *FREQUENCY steps , aborts in the last *FREQUENCY step.	6.12 Golden (6.12-1)
Equation Solver	BR10000135169		Abaqus 6.12 job running on 64+ cores abort with error MPI Application rank 1 killed before MPI_Finalize() with signal 11	6.12 Golden (6.12-1)
Equation Solver	BR10000137183		Abaqus Error SSMASimVALIDATE failed: metaPool.Length() != 0	6.10-1Golden
Equation Solver	BR10000139517		Any Abaqus/Standard restart analysis using the iterative solver will fail in the datacheck phase and gives the error message in the data (.dat) file.	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Execution

Function	BR	APAR	Abstract	BR detection level
Execution	BR10000113118		A particular Abaqus/Standard heat transfer analysis aborts on a machine with 35GB memory when using 12 CPUs. The following erro	6.11 Golden (6.11-1)
Execution	BR10000113263		Abaqus solvers may abort in certain cases after receiving the suspend signal. In particular, the job may abort when the suspen	6.8-1
Execution	BR10000113418		A particular Abaqus/Standard analysis shows abnormal memory estimations (~800GB) in the data (.dat) file; however, the analysis	6.10-1Golden
Execution	BR10000123540		An Abaqus/Standard job using the AMS eigensolver does not respond to suspend or termination requests. The Abaqus/AMS solver	6.8-1
Execution	BR10000129028		Recursive copy of usub_lib_dir directory	6.11 Golden (6.11-1)
Execution	BR10000129072		usub_lib_dir error when subroutine library is missing.	6.12 Golden (6.12-1)
Execution	BR10000130549		An Abaqus/Explicit analysis crashes with the SIM output database option when run in parallel	6.12 Golden (6.12-1)
Execution	BR10000130560		A specific Abaqus/Explicit model fails in packager when run the model with 256 cpus.	6.12 Golden (6.12-1)
Execution	BR10000132213		Abaqus resume abort	6.12 Golden (6.12-1)
Execution	BR10000132217		Abaqus user subroutines fail on Windows HPC in DMP mode.	6.12 Golden (6.12-1)
Execution	BR10000132444		An Abaqus analysis generates the message WRITING ELEMENT AND NODE SETS FOR UNCONNECTED REGIONS TO ODB in the message file but does not generate the element sets in the output data base file, when setting unconnected_regions = ON in the environmen file	6.12 Golden (6.12-1)
Execution	BR10000133583		Abaqus/Standard analysis involving regular shell elements (S4R) and continuum elements (C3D8R) and using definitions of *Model change, *Contact pairs aborts when run with multiple cores using the Abaqus 6.11 and later releases.	6.11 Golden (6.11-1)
Execution	BR10000133844		A particular Abaqus model which produces a large number of negative eigen value messages shows severe performance degradation.	6.12 SP2 (6.12-2)
Execution	BR10000135187		Abaqus/Standard aborts with system error code 1073741819	6.12 Golden (6.12-1)
Execution	BR10000135531		Cannot find pywintypes (pywintypes26.dll) when trying to import pythoncom	6.12 Golden (6.12-1)
Execution	BR10000135667		An Abaqus/Explicit VCCT analysis with multiple steps defined may abort if run in parallel.	6.11 Golden (6.11-1)
Execution	BR10000135751		MPI starndardlib.so	6.12 SP2 (6.12-2)
Execution	BR10000135857		A particular Abaqus/Explicit 3D analysis with multiple steps and using 2D connectors abort after the first step when run in parallel.	6.12 SP2 (6.12-2)
Execution	BR10000135862		Linking error when link_exe defined as a string.	6.12 Golden (6.12-1)
Execution	BR10000136418		Abaqus/Standard generates the error message *****ERROR: Specified field does not exist: 30".	6.12 Golden (6.12-1)
Execution	BR10000139515		Abaqus/Standard analysis using definitions of Parts and an Assembly fails to correctly identify the instance name.	6.12 SP3 (6.12-3)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Explicit

Function	BR	APAR	Abstract	BR detection level
Explicit	BR10000126536		In a particular Abaqus/Explicit SPH analysis, the stable time increment values reported during the preprocessor phase is different from the values reported at the beginning of the analysis phase.	6.11 Golden (6.11-1)
Explicit	BR10000126800		Abaqus/Explicit aborts if CF is requested as history output with GLOBAL=NO for a node set associated with *TRANSFORM.	6.11 SP3 (6.11-3)
Explicit	BR10000127310		Abaqus explicit model that has a composite shell section, defined with distributed layer angle and thickness, will fail with unfriendly error messages when packager is run in double precision	6.12 Golden (6.12-1)
Explicit	BR10000128127		An Abaqus/Explicit analysis involving shell elements (S4 or S4R) may abort in the postprocessing calculator.	6.11 SP2 (6.11-2)
Explicit	BR10000128238		An Abaqus/Explicit restart analysis using general contact may exit if the previous analysis uses contact pairs.	6.12 Golden (6.12-1)
Explicit	BR10000129069		An Abaqus/Explicit pure stress/displacement analysis using coupled temperature-displacement shell elements aborts with signal 11.	6.12 Golden (6.12-1)
Explicit	BR10000131363		An Abaqus/Explicit analysis using anisotropic mass elements may exhibit incorrect reaction force (RF) results.	6.12 Golden (6.12-1)
Explicit	BR10000135664		A particularAbaqus/Explicit model with new contact definition in restart analysis will crash. The original file has very specific contact options to model the surface-based cohesive behavior. Adding *CONTACT in the restart step overwrites those options a	6.12 Golden (6.12-1)
Explicit	BR10000135666		In an Abaqus model, if the fully coupled explicit thermal stress step definition is followed by explicit dynamic step definition, then the explicit dynamic analysis will crash	6.12 Golden (6.12-1)
Explicit	BR10000135676		In coupled acoustic-structural shock problem, in the step definition, if the incident wave loading is not applied then the analysis crashes in pre	6.12 Golden (6.12-1)
Explicit	BR10000138721		A model aborts in 6.12-2A when introducing a *integrated output section and runs with multi domains.	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Fracture

Function	BR	APAR	Abstract	BR detection level
Fracture	BR10000113447		An Abaqus/Standard analysis simulating a stationary sequential thermal-structural crack growth and having 700+ analysis steps i	6.10-1Golden
Fracture	BR10000121764		An Abaqus/Standard crack propagation analysis using VCCT with improperly defined master surface aborts with signal 8 error message	6.11 Golden (6.11-1)
Fracture	BR10000122168		Incorrect tabulated contour integral results in Section 1.16.1 of the Abaqus Benchmark manual	6.11 SP2 (6.11-2)
Fracture	BR10000122751		Submodeling analysis with Contour integral request aborts with Signal 6	6.11 Golden (6.11-1)
Fracture	BR10000123438		XFEM based stationary crack analysis with C3D10 elements may give an error	6.11 Golden (6.11-1)
Fracture	BR10000128566		direction of VCCT	6.9 SP2 (6.9-2)
Fracture	BR10000128676		In Abaqus/Standard, VCCT-based crack propagation analysis with initially defined bonded nodes generates incorrect bond status output..	6.11 Golden (6.11-1)
Fracture	BR10000128963		VCCT based crack propagation analysis fails to converge at the point where the surfaces start to debond	6.11 Golden (6.11-1)
Fracture	BR10000129067		An Abaqus/Standard XFEM based analysis with C3D10 elements gives significantly poorer and noisier results.	6.11 Golden (6.11-1)
Fracture	BR10000139440		An Abaqus/Standard VCCT based crack propagation analysis does not account for viscous regularization.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Functionality

Function	BR	APAR	Abstract	BR detection level
Functionality	BR10000126721		Two links in Abaqus PDE Help are not functional	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Import

Function	BR	APAR	Abstract	BR detection level
Import	BR10000113085		Abaqus aborts with a signal 6 error during the transfer of results from one Abaqus/Standard analysis to another Abaqus/Standard	6.11 Golden (6.11-1)
Import	BR10000133330		Internal energy (ALLIE) is not consistent when an Abaqus/Standard model consisting of C3D10M elements is imported into an Abaqus/Explicit analysis	6.12 Golden (6.12-1)
Import	BR10000135118		A particular import analysis from Abaqus/Explicit to Abaqus/Explicit involving particle conversion (SPH) being used for a part defined in the second Abaqus/Explicit analysis aborts with the zero nodal mass error message.	6.12 Golden (6.12-1)
Import	BR10000135822		For a particular import analysis from Abaqus/Standard to Abaqus/Standard involving definitions of parts and an assembly, importing part-and-assembly models that include rigid bodies will abort in the pre-processing phase with a "signal 6" error.	6.12 Golden (6.12-1)
Import	BR10000138717		Local material orientations are not transferred when doing an import analysis from an explicit-dynamic temperature-displacement analysis to an implicit coupled temperature-displacement analysis	6.12 Golden (6.12-1)
Import	BR10000140417		An import analysis from Abaqus/Standard to Abaqus/Standard may abort in the solver phase, if both acoustic elements and contact definitions are present.	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Installation

Function	BR	APAR	Abstract	BR detection level
Installation	BR10000129327		Abaqus 6.12 license checkout hangs, when using VPN connection	6.12 Golden (6.12-1)
Installation	BR10000129878		Duplicate license checkout	6.12 Golden (6.12-1)
Installation	BR10000135188		Abaqus installation procedure reports "Administrator privileges are required" when the download packages are not extracted correctly	6.12 SP2 (6.12-2)
Installation	BR10000135938		A warning message is displayed when extracting the Abaqus Advanced Scripting course files.	6.12 SP3 (6.12-3)
Installation	BR10000138402		"Select directory from Dialog" icon is very small in the "Install Courses" dialog box (Plug-ins --> Tools -->Install Courses)	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Interactions

Function	BR	APAR	Abstract	BR detection level
Interactions	BR10000122049		In Abaqus/CAE, the Assembled fastener editor populates the template model surfaces alphabetically. The surfaces should be popu	6.11 Golden (6.11-1)
Interactions	BR10000122699		The explanation about registering the property generation script in "About assembled fasteners," Section 29.1.3 of the Abaqus/C	6.11 Golden (6.11-1)
Interactions	BR10000122700		In "About assembled fasteners," Section 29.1.3 of the Abaqus/CAE User s Manual, the documentation does not make clear that conn	6.11 Golden (6.11-1)
Interactions	BR10000125052		Missing stress components in Stress linearization dialog box if the output database has analytical rigid surface	6.11 SP2 (6.11-2)
Interactions	BR10000127306		Using Tied Contact Pair definition in an Inertia Relief analysis leads to an abort in the datacheck stage.	6.11 Golden (6.11-1)
Interactions	BR10000131239		For a particular model involving imported geometry and Replace Face features, Abaqus/CAE aborts after partitioning the part and saving the model.	6.12 Golden (6.12-1)
Interactions	BR10000132147		Abaqus/CAE hangs after progressively consuming more and more memory when a surface film condition is defined using an analytical mapped field.	6.12 Golden (6.12-1)
Interactions	BR10000138835		Abaqus fails to write the element set name to the history output variable key if the history output is requested for an element set referenced in the fastener definition	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Job Management

Function	BR	APAR	Abstract	BR detection level
Job Management	BR10000122416		Abaqus/CAE poor performance writing analysis input files to a network share	6.11 Golden (6.11-1)
Job Management	BR10000122716		An Abaqus/Explicit restart job may stop with an error about undefined sets if a set is defined for the first time in the restar	6.12 Golden (6.12-1)
Job Management	BR10000137144		When a surface heat flux load is applied using an analytical mapped field Abaqus/CAE does not write the keyword *DFLUX completely.	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Licensing

Function	BR	APAR	Abstract	BR detection level
Licensing	BR10000113032		The Abaqus OEM Kit used inside CATIA environment for V5 ANL product may report unexpected generic error message	6.9 Golden (6.9-1)
Licensing	BR10000113265		Model containing French accented characters in its feature names ran using the Abaqus OEM Kit inside the CATIA environment leads to an uncomplete analysis	6.9 Golden (6.9-1)
Licensing	BR10000126052		"Disconnect" message is not displayed in the command shell after license timeout	6.12 SP2 (6.12-2)
Licensing	BR10000133319		printout of "LM: heartbeat sent; status = 0, 193" messages	6.12 Golden (6.12-1)
Licensing	BR10000133587		getNumRequiredTokens count incorrect	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Linear Dynamics

Function	BR	APAR	Abstract	BR detection level
Linear Dynamics	BR10000130237		A particular Abaqus/Standard Lanczos frequency analysis with substructures containing 4040 retained nodes aborts with an error message in a data (.dat) file.	6.12 Golden (6.12-1)
Linear Dynamics	BR10000132100		An Abaqus/standard frequency analysis with the AMS eigensolver may not consider the additional mass distributed to the fastener nodes using *Fastener Property.	6.12 SP2 (6.12-2)
Linear Dynamics	BR10000133320		For an Abaqus/Standard response spectrum analysis in which a spectrum is created from a given time history, the spectrum generated by Abaqus may depend on choice of time increment.	6.11 SP2 (6.11-2)
Linear Dynamics	BR10000134984		Mode-based steady state dynamic (SSD) analysis not using SIM architecture generates wrong results if viscous damping is defined for user element through *MATRIX INPUT and *MATRIX ASSEMBLE.	6.12 SP2 (6.12-2)
Linear Dynamics	BR10000137462		An Abaqus/Standard *Random Response analysis step may abort with a signal 11 error if the preceding frequency step is defined with the *Frequency, Eigensolver=AMS, SIM keyword option.	6.12 Golden (6.12-1)
Linear Dynamics	BR10000141790		Abaqus/Standard mode-based analysis with the secondary base motion following the AMS eigenvalue extraction with selective recovery aborts if the base motion node is not included in the AMS selective recovery node set.	6.12 Golden (6.12-1)
Linear Dynamics	BR10000141924		A large Abaqus/Standard modal steady-state dynamics analysis with normal velocity output exhibits very poor performance if output is requested at many (thousands) nodes.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Material Calibration

Function	BR	APAR	Abstract	BR detection level
Material Calibration	BR10000140768		If the data used to create a data set for calibration contain a final blank line, a warning will appear and it does not allow the user to create dataset	6.13 Golden (6.13-1)
Material Calibration	BR10000141799		Material calibration tool issue: Unknown error traceback when i try to truncate the data set values.	6.13 Golden (6.13-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Materials

Function	BR	APAR	Abstract	BR detection level
Materials	BR10000121713		Abaqus may issue an error message even though proper temperature dependent plastic data for Annealing feature is defined	6.11 Golden (6.11-1)
Materials	BR10000122761		Material damping doesn't work with PC3D element	6.11 Golden (6.11-1)
Materials	BR10000123107		Abaqus/Explicit generates zero values for the COORD output requested for AC3D8R elements	6.9 Golden (6.9-1)
Materials	BR10000129622		An Abaqus/Standard analysis using Marlow hyperelastic model with compressible behavior may not converge while computing stretches during visco-elastic dissipation computations, but at the same time will not cut back the time increment.	6.12 Golden (6.12-1)
Materials	BR10000130977		Complex valued electric potential boundary condition is incorrectly applied in a steady state dynamic analysis	6.12 Golden (6.12-1)
Materials	BR10000131168		The stress equation in the invariant-based formulation for anisotropic hyperelasticity in the Theory Manual has a typo.	6.11 Golden (6.11-1)
Materials	BR10000131411		Error in using the encryption tool in Abaqus to encrypt a material data on a Linux machine	6.12 Golden (6.12-1)
Materials	BR10000132265		An Abaqus/Standard analysis with a solid section that references an elastic material definition that includes stress failure data (*Fail Stress) will terminate in the Analysis input file preprocessor with error message.	6.12 Golden (6.12-1)
Materials	BR10000132979		Abaqus aborts when the material definition contains UMAT and electrical properties	6.11 Golden (6.11-1)
Materials	BR10000132989		Unexpected error related to fictitious EMAG elements appears when running an Abaqus 6.10-EF3 input deck file in newer releases (Abaqus 6.11-X and Abaqus 6.12-X)	6.11 SP3 (6.11-3)
Materials	BR10000133318		In a time harmonic electromagnetic analysis, Joule heat output computed is incorrect when orientation is specified for solid section.	6.12 Golden (6.12-1)
Materials	BR10000133323		In a time transient electromagnetic analysis, the Joule heat and the Lorentz force outputs computed are smaller by a factor of two.	6.12 Golden (6.12-1)
Materials	BR10000134288		An Abaqus/Explicit analysis using membrane elements with orthotropic material properties defined via *ELASTIC, TYPE=LAMINA reduces the stable time increment if the membrane thickness is increased, causing the analysis time to significantly increase.	6.11 SP4 (6.11-4)
Materials	BR10000134331		In "High-velocity impact of a ceramic target," Section 2.1.18 of the Abaqus Example Problems Manual, under case 3, Drucker-Prager model, the equation for P_t omits "3" in the denominator. The correct equation is $P_t = a \cdot (\sigma_c)^b - (\sigma_c) / 3 = T$.	6.11 Golden (6.11-1)
Materials	BR10000134337		A particular Abaqus/Explicit analysis involving continuum shells elements with orthotropic elasticity and plasticity terminates with an excessive distortion error message in the status (.sta) file.	6.11 Golden (6.11-1)
Materials	BR10000134580		A particular Abaqus/Explicit analysis using *HYPERFOAM material definitions gives an excessive distortion error message in the status (.sta) file if two set of coefficients (mu, alpha) are set to zero.	6.11 SP2 (6.11-2)
Materials	BR10000136398		An Abaqus/Standard model with hyperfoam material and second order of energy potential aborts in the beginning of the analysis phase	6.12 Golden (6.12-1)
Materials	BR10000140383		If field output is requested for individual solution-dependent state variable (SDVn) in an Abaqus/Explicit analysis, the results output for the first SDVn variable request is set equal to that of the first state variable, SDV1.	6.12 Golden (6.12-1)
Materials	BR10000140454		An Abaqus/Explicit analysis involving axial connector (*ELEMENT, TYPE=CONN3D2) that share nodes with C3D8R solid elements whose material behavior defined in a VUMAT may abort with a 'signal 11' error in log file when analysis is run on multiple domains.	6.12 Golden (6.12-1)
Materials	BR10000140922		Abaqus/Explicit CZone analyses with solid and membrane elements may fail in the file reader preprocessing stage with an error related to not being able to process elsets containing these elements.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Mechanical

Function	BR	APAR	Abstract	BR detection level
Mechanical	BR10000128568		Including damage in a creep analysis	6.11 Golden (6.11-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Mesh Editing

Function	BR	APAR	Abstract	BR detection level
Mesh Editing	BR10000113200		In Abaqus/CAE, named surfaces are not updated correctly when subdividing elements of an orphan mesh using Mesh Edit tool. The s	6.10-1Golden
Mesh Editing	BR10000126179		In Abaqus/ CAE, incorrect error message is displayed when trying to associate mesh with geometry for an orphan mesh.	6.12 Golden (6.12-1)
Mesh Editing	BR10000133129		Abaqus/CAE throws an error stating: particle conversion threshold value is missing or negative when the threshold value is set to zero while specifying the element controls in the Element Type dialog box.	6.12 Golden (6.12-1)
Mesh Editing	BR10000135089		Abaqus/CAE aborts when splitting an edge of an element in a hybrid (orphan/native) part	6.12 Golden (6.12-1)
Mesh Editing	BR10000137653		Colors (as suggested in the dialog) to display sides of mesh surface are not being displayed when using mesh offset tool	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Mesh Generation

Function	BR	APAR	Abstract	BR detection level
Mesh Generation	BR10000123516		Abaqus/CAE incorrectly switches to the assembly level object in the Mesh module after double clicking Mesh in the Part contai	6.12 Golden (6.12-1)
Mesh Generation	BR10000125054		Abaqus/CAE does not project nodes to the geometry during sweep meshing	6.11 Golden (6.11-1)
Mesh Generation	BR10000132775		The Tri-to-Tet meshing function in the Abaqus/CAE mesh edit toolkit generates meshes that are too fine in the interior	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Mesh-Geometry Association

Function	BR	APAR	Abstract	BR detection level
Mesh-Geometry Association	BR10000134789		Abaqus/CAE fails to associate mesh to geometry for a midsurface model.	6.12 SP2 (6.12-2)
Mesh-Geometry Association	BR10000140935		CAE aborts on deleting mesh associativity for beam elements	6.13 Golden (6.13-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Mesh Orientation

Function	BR	APAR	Abstract	BR detection level
Mesh Orientation	BR10000124800		Abaqus/CAE's stack-orientation utility produces inconsistent stack orientations for the entire mesh	6.11 Golden (6.11-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Mesh Query

Function	BR	APAR	Abstract	BR detection level
Mesh Query	BR10000133614		For a particular part containing a mesh with multiple element classes, the "labels" member of MeshElementFace object returns incorrect face labels.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Modeling Tools

Function	BR	APAR	Abstract	BR detection level
Modeling Tools	BR10000122689		The Surface Traction dialog does not completely display the Follow Rotation options on windows 7 OS.	6.10-1Golden
Modeling Tools	BR10000129190		An Abaqus/Standard analysis with multiple *SHELL TO SOLID COUPLING constraints overlapping each other may exit with an error message "Error parsing set name ""."	6.11 Golden (6.11-1)
Modeling Tools	BR10000137213		When a datum coordinate system is created by selecting two lines in Abaqus/CAE, the origin of that coordinate system may not lie at the intersection of the selected lines.	6.12 SP3 (6.12-3)
Modeling Tools	BR10000137393		In ABAQUS\CAE, upon deleting the part mesh, an assembly node set is not written to the input file	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Optimization

Function	BR	APAR	Abstract	BR detection level
Optimization	BR10000113230		On submitting an optimization process, the odb_merge operation aborts with a segmentation fault in the ATOM module in Abaqus/CA	6.11 Golden (6.11-1)
Optimization	BR10000113310		In Abaqus /CAE,during an Abaqus ATOM optimization, the odb_merge tool aborts with an odb_Exception error if the model contain	6.11 Golden (6.11-1)
Optimization	BR10000113421		For both shape and topology optimization result visualization, the strain results output (LE, PE, etc.) are different	6.11 Golden (6.11-1)
Optimization	BR10000116077		Using the *Hyperelastic material of the POLYNOMIAL form with N=3 and higher, the topology or shape optimization tasks may abort	6.11 Golden (6.11-1)
Optimization	BR10000121953		In Abaqus/CAE the 'Select the entity closest to the screen' button is deselected when switching to the optimization module	6.11 SP2 (6.11-2)
Optimization	BR10000123507		ATOM: Vertices or line is not supported when picked as a region for Internal Force	6.11 SP2 (6.11-2)
Optimization	BR10000124599		A particular sensitivity-based topology optimization process aborts with an error during odb_merge phase	6.11 Golden (6.11-1)
Optimization	BR10000126847		The number of GPU processors to be used for GPGPU acceleration specified in the Parallelization tab of the Edit Optimization Process dialog box in Abaqus/CAE is not written to the *.par for an optimization.	6.11 SP3 (6.11-3)
Optimization	BR10000126894		Abaqus/Atom:atom_opt.exe aborts when using analytical fields for loads	6.11 Golden (6.11-1)
Optimization	BR10000131787		When the maximum number of cycles for a topology or a shape optimization run is changed to 1, Abaqus/CAE throws an error stating: odb merge frequency should be greater than zero and less than or equal to the maximum number of design cycles.	6.12 Golden (6.12-1)
Optimization	BR10000132625		In a condition based topology optimization when the size of incrementation for volume modification is changed from dynamic to medium, the field volume deleted in the first design cycle is set to zero percent.	6.12 Golden (6.12-1)
Optimization	BR10000132920		When a design response such as strain energy is based on the last step and the last load case of the Abaqus analysis in a condition-based or a general topology optimization, the optimizer still considers the sum of strain energy for all the steps	6.12 Golden (6.12-1)
Optimization	BR10000136490		Design sensitivity analysis aborts when temperature-dependent plasticity is included in the material definition	6.12 Golden (6.12-1)
Optimization	BR10000139455		For a condition-based topology optimization analysis, Abaqus/CAE erroneously allows the user to turn on the 'Delete soft elements in region' option.	6.12 SP3 (6.12-3)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Other

Function	BR	APAR	Abstract	BR detection level
Other	BR10000125976		PETSC zero pivot error with ILUFGMRES momentum equation solver	6.11 Golden (6.11-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Output

Function	BR	APAR	Abstract	BR detection level
Output	BR10000125633		In Abaqus/Viewer even though the number of significant digits selected is larger than six, the reported values only show six significant digits for the field output min/max.	6.11 Golden (6.11-1)
Output	BR10000134151		Abaqus/Viewer may write XY data report file such that MS Excel may display formatting issues	6.12 Golden (6.12-1)
Output	BR10000134767		Abaqus/CAE 6.12 crashes if the Job Diagnostics tool is selected without having an output database file open	6.12 Golden (6.12-1)
Output	BR10000139871		When running an analysis job with a UMAT, the result ODB file may have larger size compared to the ODB that is generated without using UMAT.	6.11 SP2 (6.11-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Part

Function	BR	APAR	Abstract	BR detection level
Part	BR10000113094		In Abaqus/CAE, the beam profile rendering does not display the beam profile properly when two stringers are assigned to an edge	6.10-1Golden
Part	BR10000113259		For a particular part in a model database, attempts to partition a face cause Abaqus/CAE to abort.	6.9 Golden (6.9-1)
Part	BR10000113407		Abaqus/CAE may crash while saving a geometry cache state, using Tools->Options memory.	6.10-EF Golden
Part	BR10000113420		A CATIA V5 part (.CATPart) with a body of point data cannot be imported into Abaqus/CAE at the first attempt.	6.10-1Golden
Part	BR10000113456		Abaqus/CAE fails to create a wire feature using the WirePolyLine function for certain coordinate values and throws an exception	6.10-1Golden
Part	BR10000113458		Attempts to export a particular part as a .SAT file causes Abaqus/CAE to abort.	6.10-1Golden
Part	BR10000113477		The getAngle() method of the part and the assembly objects incorrectly output an angle, when splines are used as arguments.	6.10-1Golden
Part	BR10000133681		Attempts to use Face from Element Faces may cause Abaqus/CAE to abort	6.12 Golden (6.12-1)
Part	BR10000135629		CAE aborts on clicking on orphan mesh in model tree after creating a solid from shell faces	6.12 SP3 (6.12-3)
Part	BR10000135733		In Abaqus/CAE, creation of MeshToGeometry feature may result in some of old features disappear due to bad facetting	6.11 SP5 (6.11-5)
Part	BR10000136911		Abaqus/CAE does not allow one to select an axis of a coordinate system while trying to create a datum axis using the method Parallel to line, thru point.	6.12 SP2 (6.12-2)
Part	BR10000141850		CAE is crashing when i try to import attached input file	6.13 Golden (6.13-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Performance

Function	BR	APAR	Abstract	BR detection level
Performance	BR10000135631		Performance degradation for CAT_problem4 model	V6R2013x

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Plug-ins

Function	BR	APAR	Abstract	BR detection level
Plug-ins	BR10000113238		Attempts to launch Save Current Viewport plug-in may causes Abaqus/Viewer to throw a traceback such as the following: Traceback	6.10-1Golden
Plug-ins	BR10000123548		HTML Report Generator Plug-in needs updated logo to comply with rebranding.	6.11 Golden (6.11-1)
Plug-ins	BR10000137641		Translation of tetrahedral elements in LS-DYNA using fromdyna translator in Abaqus	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Prescribed Conditions

Function	BR	APAR	Abstract	BR detection level
Prescribed Conditions	BR10000124130		A particular 2-D axisymmetric Abaqus/Explicit *Dynamic Temperature-Displacement analysis with temperature dependent film coefficients produces inconsistent results between single and multiple cpus runs.	6.11 Golden (6.11-1)
Prescribed Conditions	BR10000127550		When using a mapped field with the pressure load Abaqus/CAE may incorrectly write the input file, which causes datacheck errors.	6.11 SP2 (6.11-2)
Prescribed Conditions	BR10000132384		An Abaqus/Explicit analysis aborts when reading initial stresses from an ODB file	6.11 SP2 (6.11-2)
Prescribed Conditions	BR10000132438		While writing an input file for a particular analysis using Abaqus/CAE, the keyword for rotational body force load is not written.	6.12 Golden (6.12-1)
Prescribed Conditions	BR10000133211		If a boundary condition type (e.g., ENCASTRE) is specified on the nodes of a rigid body other than the reference node, Abaqus ignores the boundary conditions.	6.12 Golden (6.12-1)
Prescribed Conditions	BR10000136495		When a 2D beam is converted to 3D beam using Abaqus/CAE and a load is applied in z-direction (CF3), the load is not written to input file	6.12 Golden (6.12-1)
Prescribed Conditions	BR10000138691		When a surface heat flux load is applied using an analytical mapped field Abaqus/CAE does not write the keyword *DFLUX completely.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Python Commands

Function	BR	APAR	Abstract	BR detection level
Python Commands	BR10000128954		In Abaqus/CAE MapSetsFromOdb() method does not return a set object.	6.11 SP2 (6.11-2)
Python Commands	BR10000132103		Abaqus/CAE throws a syntax error stating: EOL while scanning string literal while running a compiled python script.	6.12 SP2 (6.12-2)
Python Commands	BR10000133735		In Abaqus/CAE the instanceFromBooleanCut() method of the rootAssembly object returns a part object instead of the partInsance object	6.12 Golden (6.12-1)
Python Commands	BR10000137418		While querying the frameld object from the command line interface in Abaqus/Viewer the frameld object returns the increment number instead of the frame number.	6.12 SP4 (6.12-4)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Restart

Function	BR	APAR	Abstract	BR detection level
Restart	BR10000113365		Restarting an import analysis from Abaqus/Standard to Abaqus/Explicit with a dummy Abaqus/Explicit analysis step triggers error message	6.10-1Golden
Restart	BR10000122619		For an Abaqus/Explicit analysis with *INCIDENT WAVE INTERACTION, a subsequent restart analysis from the previous analysis may not produce the same results for the same analysis time points.	6.11 Golden (6.11-1)
Restart	BR10000124258		A particular Abaqus/Explicit restart analysis containing a node-surface contact pair definition aborts with a signal error when run with multiple CPUs.	6.11 Golden (6.11-1)
Restart	BR10000131419		Error in restarting a CFD job with a new step definition and no modified boundary condition	6.11 SP4 (6.11-4)
Restart	BR10000134328		For a particular Abaqus/Explicit analysis with axial connectors when the analysis is intentionally terminated after reaching the maximum connector load and then restarted as a recover analysis, the connector force drops to zero.	6.11 Golden (6.11-1)
Restart	BR10000138681		An Abaqus/Standard analysis including definitions of general contact and contact pair fails to converge in the first increment when a restart analysis is performed and aborts	6.12 SP3 (6.12-3)
Restart	BR10000141238		Restart of a static procedure as a dynamic procedure with distributing couplings in the model leads to abort	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Results

Function	BR	APAR	Abstract	BR detection level
Results	BR10000113056		The Abaqus output database output variable ALPHAN and ALPHAK are not supported as both field and history output in Abaqus/Expli	6.10-1Golden
Results	BR10000113369		Error when requesting results output to the odb using the time points method in an FSI analysis with constant or variable coupling step size	6.11 Golden (6.11-1)
Results	BR10000122902		Error in external work ALLWK calculation in a multiple-step *STATIC analysis when a distributed load with an amplitude defined using total time (TIME=TOTAL TIME)	6.10 SP4 (6.10-4)
Results	BR10000123501		Error encountered when Abaqus/Std & Abaqus/CFD cosimulation job is run on multiple cpus	6.11 Golden (6.11-1)
Results	BR10000124327		*MODEL CHANGE may cause inaccurate hydrostatic pressure contour plot	6.10-EF Golden
Results	BR10000126534		In Abaqus/Standard linear perturbation analyses with BUSHING type connectors following a general analysis step, connector reaction forces reported is significantly different from what is expected of the loading conditions in the perturbation analysis.	6.11 Golden (6.11-1)
Results	BR10000127758		The data (.dat) file does not show the total of each column in the tabular output of nodal variables with the option *NODE PRINT, TOTALS=YES.	6.12 Golden (6.12-1)
Results	BR10000129679		For an Abaqus analysis model using the *Surface, Type=Cutting Surface keyword, the *Preprint, Model=Yes option fails to write the face identification in the data (.dat) file under the section E L E M E N T, N O D E, A N D S U R F A C E M A P S.	6.12 Golden (6.12-1)
Results	BR10000130392		Cohesive contact in Abaqus/Explicit generates positive contact pressure during tensile loading	6.10-1Golden
Results	BR10000130764		Abaqus/CAE aborts while using Job Diagnostics dialog box	6.12 Golden (6.12-1)
Results	BR10000132094		The Analysis input file preprocessor omits to print all the transformations in the data (.DAT) file with *PREPRINT, MODEL=YES when multiple local coordinate systems are defined with *Transform.	6.10-1Golden
Results	BR10000132225		a particular Abaqus/Standard analysis of a shell structure using *SHELL SECTION, COMPOSITE definitions, Abaqus/Viewer incorrectly displays nonzero PEEQ values for a particular elastic layer.	6.12 Golden (6.12-1)
Results	BR10000134198		Viscous regularization energy of cohesive elements is output to ALLCD instead of ALLVD	6.12 Golden (6.12-1)
Results	BR10000134462		In Abaqus/Explicit, VUAMP with several sensors aborts with error code 11 on multiple cpus	6.12 Golden (6.12-1)
Results	BR10000135818		The documentation omits to clarify that the element output variable NFORC is the negative of the element internal forces (stress-based nodal forces).	6.12 Golden (6.12-1)
Results	BR10000135859		A particular Abaqus/Explicit analysis with a local coordinate system specified at a node produces incorrect filtered history output.	6.12 Golden (6.12-1)
Results	BR10000136857		Certain contact output variables such as CAREA, CFT, CMT are missing in the history output even if requested in the keyword deck in an explicit analysis.	6.12 Golden (6.12-1)
Results	BR10000138658		History Output CFN not working for contact with *BOND	6.12 Golden (6.12-1)
Results	BR10000139037		On running a datacheck for a particular explicit analysis using multiple cpus, the field output Pressure is not available on certain element faces.	6.12 Golden (6.12-1)
Results	BR10000139650		In an Abaqus/Explicit analysis with the Johnson-Cook plasticity material model, the output of PE is incorrect. If such material is defined for Eulerian elements, the output of PEVAVG and PEEQVAVG are also incorrect.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

RSG Dialog Builder

Function	BR	APAR	Abstract	BR detection level
RSG Dialog Builder	BR10000131775		Abaqus/CAE may abort when picking faces by angle using a plug-in.	6.12 Golden (6.12-1)
RSG Dialog Builder	BR10000133612		Abaqus/CAE does not highlight the part instance of an output database while picking it from the viewport using AFXPickStep	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Scripting & Customization

Function	BR	APAR	Abstract	BR detection level
Scripting & Customization	BR10000121054		Contact pressure from subroutine Getvrmavgatnode used in Umeshmotion is Zero after certain increments.	6.11 Golden (6.11-1)
Scripting & Customization	BR10000122576		The description of the field output should not contain colon.	6.11 Golden (6.11-1)
Scripting & Customization	BR10000127196		One particular Standard model with user subroutine to define an element is hanging with DMP parallelization.	6.12 Golden (6.12-1)
Scripting & Customization	BR10000133071		An Abaqus/Standard analysis using user subroutine UAMP with argument ampName (user-specified amplitude name) longer than 8 characters does not pass values into the subroutine when run in cosimulation with an Abaqus/Explicit analysis.	6.11 SP4 (6.11-4)
Scripting & Customization	BR10000133184		An Abaqus/Explicit analysis containing multiple user amplitude definitions may not recognize the iConcludeStep flag setting of 1 to conclude the step execution, unless the iConcludeStep flag is explicitly set for all user –defined amplitude references in	6.11 Golden (6.11-1)
Scripting & Customization	BR10000133545		Abaqus ODB API method CompositeSolidSection() returns an object of type AbaqusObject.	6.12 Golden (6.12-1)
Scripting & Customization	BR10000134729		Abaqus/CAE User's manual omits to document some special composite element types like C3D20RC# created in the ODB.	6.12 Golden (6.12-1)
Scripting & Customization	BR10000135272		Abaqus Scripting Reference manual omits to document that coupling information can be accessed from the ODB using C++ ODB API.	6.10-1Golden
Scripting & Customization	BR10000137186		A vuamp user subroutine used with multi-step Abaqus/Explicit analysis run in parallel may read incorrect sensor output in the beginning of 2nd step.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Section

Function	BR	APAR	Abstract	BR detection level
Section	BR10000126212		Incorrect local coordinate system at connector nodes	6.11 Golden (6.11-1)
Section	BR10000131412		If the edit discrete orientation dialog box is closed without specifying the normal axis and the primary axis while defining the layup orientation for a composite layup, Abaqus/CAE throws an error: an unknown message has been encountered.	6.12 Golden (6.12-1)
Section	BR10000132867		The Abaqus Analysis input file pre-processor does not read the *Distribution Table keyword, if the name contains quotation marks, causing subsequent references to the table to result in errors.	6.12 Golden (6.12-1)
Section	BR10000134897		Documentation incorrectly reflects the restrictions of applying kinematic hardening plasticity model to beam elements in space.	6.11 SP2 (6.11-2)
Section	BR10000136405		An Abaqus/Explicit model with a large number of material orientations defined via *Distribution Table and *Distribution may perform poorly during the analysis input file pre-processor phase.	6.12 Golden (6.12-1)
Section	BR10000139662		While defining the material orientations using the discrete method on a curved surface, Abaqus/CAE does not write the *DISTRIBUTION keyword block correctly.	6.11 Golden (6.11-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Selection & Highlighting

Function	BR	APAR	Abstract	BR detection level
Selection & Highlighting	BR10000133468		In a particular Abaqus/CAE model, element surfaces that are highlighted within the Create Display Group dialog box cannot be unhighlighted by toggling off the option Highlight items in viewport.	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Sketcher

Function	BR	APAR	Abstract	BR detection level
Sketcher	BR10000113296		Importing a model containing a large number of saved sketches to an exisiting sketch can lead to a significant increase in the Abaqus/CAE model database size	6.11 Golden (6.11-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Specialized

Function	BR	APAR	Abstract	BR detection level
Specialized	BR10000113139		Abaqus terminates with a syntax error message when analyzing an INP file that includes the *PARAMETER DEPENDENCE keyword option	6.10-1Golden
Specialized	BR10000130660		Nonlinear magnetostatic analysis aborts with an error when the maximum time increment chosen is small.	6.12 Golden (6.12-1)
Specialized	BR10000131095		A particular Abaqus/Standard analysis with the *Model Change, Remove keyword option and element integration point field output requests aborts with a "signal 11" error code in the Analysis input file preprocessing stage.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Standard

Function	BR	APAR	Abstract	BR detection level
Standard	BR10000126796		A particular Abaqus/Standard plane strain analysis aborts in the analysis phase with glibc error.	6.11 Golden (6.11-1)
Standard	BR10000127284		Fluid pressure cannot be completely removed with *PRESSURE PENETRATION, OP=NEW in the region where contact status changed from open to closed.	6.11 Golden (6.11-1)
Standard	BR10000129230		Abaqus/Standard import analyses that involve coupling constraints covering a large number of nodes, relative to the whole-model node count may abort in the Analysis input file preprocessor	6.11 Golden (6.11-1)
Standard	BR10000130201		A particular Abaqus/Standard analysis aborts with an error code 6 when MISES is requested with *ELEMENT RESPONSE.	6.12 Golden (6.12-1)
Standard	BR10000132311		Abaqus/Standard *MAP SOLUTION functionality may incorrectly map some integration points near a material boundary.	6.10-1Golden
Standard	BR10000135674		An analysis may terminate with the error "THE SOLVER AND FE MESH HAVE AN INCONSISTENT NUMBER OF DOFS" if a beam element associated with the *RELEASE option overlaps a pre-tension section.	6.12 Golden (6.12-1)
Standard	BR10000136924		Removal of Inertia Relief in Abaqus/Standard model leads to an abort	6.12 Golden (6.12-1)
Standard	BR10000140854		In a two-dimensional DSA analysis involving finite-sliding deformable-to-deformable node-to-surface contact the sensitivity results for contact are incorrect.	6.11 SP5 (6.11-5)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Statics

Function	BR	APAR	Abstract	BR detection level
Statics	BR10000121701		unexpected temperature changing in case of coupled temp-displacement analysis	6.11 SP2 (6.11-2)
Statics	BR10000123109		Abaqus/Standard analysis with shell elements (S4R, S4) without pore pressure degree of freedom aborts with signal 6 error.	6.12 Golden (6.12-1)
Statics	BR10000124550		An anneal step in an Abaqus/Explicit analysis does not reset plastic strains in eulerian elements.	6.12 Golden (6.12-1)
Statics	BR10000133946		An Abaqus/Standard analysis using the *GEOSTATIC or *SOILS procedure with *PERMEABILITY, SPECIFIC=0. either aborts (with 6.11 and earlier releases) or runs to completion (with Abaqus 6.12-1), generating stress values as NAN in the data (.dat) file.	6.12 Golden (6.12-1)
Statics	BR10000134773		A particular Abaqus/Standard VCCT based fatigue analysis using the *DIRECT CYCLIC procedure with *FRACTURE CRITERION and *DEBOND definitions incorrectly calculates the cycle increment	6.11 Golden (6.11-1)
Statics	BR10000135104		An Abaqus/Standard direct-cyclic analysis fails to update the strain (i.e. output variable E) and report them as zero.	6.11 Golden (6.11-1)
Statics	BR10000138651		A particular Abaqus/Standard *HEAT TRANSFER, STEADY STATE analysis with cavity radiation (*CAVITY DEFINITION and *RADIATION VIEWFACTOR) definitions aborts with signal 6 error in log file, if *Radiation Output option is present and cavity is very large.	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Substructure

Function	BR	APAR	Abstract	BR detection level
Substructure	BR10000122704		If an Abaqus/Standard analysis step with substructure recovery (*Substructure Path) follows a frequency analysis step with the	6.8-1
Substructure	BR10000126538		Substructure usage analysis aborts if the substructure has a composite material with single layer and a single integration point	6.11 SP2 (6.11-2)
Substructure	BR10000131408		A substructure generate job submitted through Abaqus/CAE release 6.12-1 fails to abort when retained nodal dofs boundary condition is not present in the analysis.	6.12 Golden (6.12-1)
Substructure	BR10000131535		On importing a nested substructure as a part in Abaqus/CAE release 6.12-1, a misleading error is thrown: SIM files was generated using a version that is different than the current Abaqus./CAE version.	6.12 Golden (6.12-1)
Substructure	BR10000133891		In Abaqus/CAE, the Substructure load item is missing in the list of load types in the Create Load dialogue box if the selected step is a static linear perturbation step.	6.11 SP2 (6.11-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Surface

Function	BR	APAR	Abstract	BR detection level
Surface	BR10000123909		In Abaqus/CAE when an orphan mesh part with a surface feature is copied using Mirror part about a plane option, the surface is written incorrectly in the input file.	6.11 Golden (6.11-1)
Surface	BR10000125700		Abaqus/CAE takes sometime (around 45s) to create an element based surface for a part containing millions of elements.	6.11 Golden (6.11-1)
Surface	BR10000129991		An Abaqus/Explicit model hangs in Pre.exe if *SURFACE option has no data line.	6.11 Golden (6.11-1)
Surface	BR10000130876		Abaqus/Standard analysis with conventional shell elements (i.e. S4R) aborts if both sides of surface definition of unconnected region is used for the surface definition	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Thermal-Electrical & Mass Diffusion

Function	BR	APAR	Abstract	BR detection level
Thermal-Electrical & Mass Diffusion	BR10000128787		A jump in the applied distributed current when going from a steady-state to transient coupled thermal-electric analysis	6.11 Golden (6.11-1)
Thermal-Electrical & Mass Diffusion	BR10000135108		In Abaqus/Standard, a mass diffusion analysis aborts when the ODB history output SOL is requested.	6.12 SP2 (6.12-2)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Turbulence

Function	BR	APAR	Abstract	BR detection level
Turbulence	BR10000129471		Signal 11 error message due to missing element set in turbulence initial conditions	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

User-Defined

Function	BR	APAR	Abstract	BR detection level
User-Defined	BR10000140509		The internally supplied Nitinol user material model gives incorrect results when subjected to a thermal loading if the material behavior is different in tension and compression	6.12 Golden (6.12-1)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Utilities

Function	BR	APAR	Abstract	BR detection level
Utilities	BR10000132386		Microsoft Visual C++ 2008 redistributable packages contain debug components	6.12 Golden (6.12-1)
Utilities	BR10000135937		extractOdbApi script cannot locate executable win64CmpWrp	6.12 SP3 (6.12-3)

Closed Issues for :6.13 Golden (6.13-1)

This document lists all closed issues for the current Release

Visualization

Function	BR	APAR	Abstract	BR detection level
Visualization	BR10000113247		Output database with composite shell definitions referencing the same material properties leads to a plot irregular thickness	6.10-1Golden
Visualization	BR10000113426		The coupling constraint (activated using the Display Group Manager) glyphs do not participate in the animation	6.10-EF Golden
Visualization	BR10000126317		In Abaqus/CAE XYDataFromPath() method returns X values of the current frame even though the results are requested for a different frame.	6.11 Golden (6.11-1)
Visualization	BR10000127124		Abaqus/CAE is unable to open movie files that require a codec on Windows	6.12 Golden (6.12-1)
Visualization	BR10000127426		Abaqus/CAE writes duplicate values for the nodes in the field output report with the surface variables using unique nodal option.	6.11 Golden (6.11-1)
Visualization	BR10000129066		Abaqus/Viewer issues an error message "OdmError: Invalid Frame: Frame number=xxxxx" after activating the frame using MB3 from the model tree.	6.10-1Golden
Visualization	BR10000129626		In Abaqus/CAE the entire annotation box may get filled with the black or white color and as a result the text becomes invisible.	6.11 SP2 (6.11-2)
Visualization	BR10000130033		Abaqus/Viewer outputs the connector field output results as -1.#IND in the field output report after transforming the results.	6.11 Golden (6.11-1)
Visualization	BR10000132220		Abaqus/Viewer throws an error when creating more than 5000 XY data	6.12 Golden (6.12-1)
Visualization	BR10000133943		In Abaqus/Viewer the Probe tool does not show the transformed results if we select "ALL" in the "Components" field.	6.12 Golden (6.12-1)
Visualization	BR10000134118		Abaqus/Viewer aborts when trying to close or switch to the viewport which shows ply stack plot after changing the contour type in another viewport containing a contoured field output variable such as mises stress.	6.12 SP2 (6.12-2)
Visualization	BR10000134125		Abaqus/Viewer displays incorrect contour plot of the field output when the Active locations are set to Envelope in the Section Points dialog box and the skin elements are removed from the viewport.	6.12 Golden (6.12-1)
Visualization	BR10000134159		Abaqus/Viewer does not extract XY data of all the nodes of an element.	6.12 Golden (6.12-1)
Visualization	BR10000134447		Abaqus/Viewer may display incorrect envelope plot of the field outputs such as von Mises Stress and PEEQ	6.12 Golden (6.12-1)
Visualization	BR10000135113		Abaqus/Viewer generates incorrect thickness plot of shell part with multiple composite layups defined having same number of plies and common material properties	6.12 SP2 (6.12-2)
Visualization	BR10000138652		Attempts to create XY data for ODBs with large number of elements may cause Abaqus/Viewer to incorrectly throw an error	6.12 Golden (6.12-1)
Visualization	BR10000141432		For an Abaqus/Standard analysis involving shell elements, Abaqus/Viewer may show an incorrect Envelope (max absolute value) plot of shell element results for the quilt-type contour display.	6.12 SP3 (6.12-3)