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Altair Access Desktop 2020.4

Release Notes

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>
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>
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>
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>
> **PBS Desktop™** ©2008-2012 is now part of **Altair Access**, specifically **Altair Access desktop,** which also has **Altair Access web** and **Altair Access mobile**
>
> **e-Compute™** ©2000-2010 was replaced by "**Compute Manager**" which is now **Altair Access**

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Contents

Altair Access™ Desktop Release Notes

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These release notes describe the new features, bug fixes, and known issues for Access Desktop 2020.4 Please see the following sections:

This chapter covers the following:

1.1 About Access Desktop

Use to submit jobs to a Workload Manager.

Altair Access Desktop provides a simple, powerful, and consistent interface for submitting and monitoring jobs on remote clusters, clouds, or other resources. Engineers and researchers can now focus on core activities and spend less time learning how to run applications or moving data around. The Access Desktop remote visualization and collaboration capabilities bring access to an expensive, highend 3D visualization datacenter hardware right to the user. Access Desktop provides an ability to visualize the results by extracting plot and animation data. You can view plots for running jobs as well as for jobs which have been successfully completed. You can download and analyze animations using the Altair HyperView Player.

Features

- Novice to Expert: simple and powerful
- Same UX: desktop and web
- Secure: protected access to HPC resources
- End-to-end: submit, monitor progress, steer, fix, and rerun jobs
- Save time: Simplify job submission and management thanks to a powerful GUI with smart, simplified interfaces
- Be more productive: Spend more time focused on work and not IT tasks - for example, monitor jobs graphically without having to download huge job files
- Increase ROI: Consolidate access to applications and optimize license availability
- Reduce errors and improve consistency: Embed your company's best-practice "know how" directly into Application Definitions used for job submission
- Create a remote session by submitting an interactive job and manage open sessions.

1.2 System Requirements

Supported platforms and hardware requirements for using Access Desktop.

Supported Platforms

Access Desktop is supported on the following Windows 64-bit platforms:

- Windows 7
- Windows 10

Hardware Requirements

Access Desktop requires a minimum hardware configuration:

Hardware	Minimum Requirement	Recommended
CPU	2 CPU cores with a minimum speed of 2.5 GHz	4 CPU cores with a minimum speed of 2.5 GHz
Memory (Physical)	2 GB	8 GB
Disk Space	2 GB	4 GB

1.3 Supported Product Configurations

Supported product configurations for using Access Desktop.

The currently supported Access Desktop product configurations are:

Access Desktop	PBS Professional
2020.4	2020.1 19.2.6 19.2.5 19.2.4 19.2.3 19.2.2 19.1.1

> **Note:** Altair License Server 14.5.1 or newer is required for Access Desktop 2020.4.

1.4 What's New

Latest features available with Altair Access™ Desktop.

Remote Sessions

Launch remote sessions on Access Desktop to connect to the applications that are available on the execution node.

Generate Log Summary Report

Execute the `LogAnalysis.py` script to generate a CSV report containing logs for easier troubleshooting.

1.5 Known Issues

A list of issues that have been identified or reported and are either under investigation or scheduled to be fixed.

- PA-1461 Password change in PBS Professional is not reflected in Access Desktop
- PA-1506 File download does not resume when the network connection is lost and reconnected
- PA-1543 PBS Access mounted drive is showing capacity of the local system
- PA-3933 Application Definition rendering on UI fails when associated refresh.py is using utils
- PA-4406 Access Desktop application UI becomes blank
- PA-4604 The job gets stuck at uploading state if the file name contains % character

PA-1461 Password change in PBS Professional is not reflected in Access Desktop

Summary: If the credentials of a user is changed in PBS Professional, the user is still able to submit jobs from Access Desktop using the old credentials.

Workaround: Restart Access Desktop, the user will be prompted to log in to the cluster with the new credentials.

PA-1506 File download does not resume when the network connection is lost and reconnected

Summary: When there is a disruption in the network connection the file download progress doesn't resume and the file is downloaded partially.

Workaround: No workaround for this issue.

PA-1543 PBS Access mounted drive is showing capacity of the local system

Summary: When you configure remote drive for Access Desktop, the user's local drive capacity is applied to the Access remote drive. This is happening due to Microsoft limitation. Please refer to the knowledge base article. https://support.microsoft.com/en-us/help/2386902/webdav-mapped-drive-reports-incorrectdrive-capacity

Workaround: No workaround for this issue.

PA-3933 Application Definition rendering on UI fails when associated refresh.py is using utils

Summary: When a `refresh.py` is using the utils package for processing and the package is not found, the application definition rendering fails in the Desktop user interface. Using the utils package in refresh.py, one can communicate with PBS to get details like queues, binary paths like queues and binary paths. The communication with PBS includes reading `/etc/ pbs.conf` or executing a `qstat` command. In Access Desktop, there is no local PBS running and these commands are not available, so execution of the command fails and a message is written to the PAS Server log file.

Workaround: No workaround for this issue.

PA-4406 Access Desktop application UI becomes blank

Summary: While working on Access Desktop application, intermittently the UI becomes blank.

Workaround: No workaround for this issue.

PA-4604 The job gets stuck at uploading state if the file name contains % character

Summary: If the input file contains a % character, the file upload does not complete and the job does not get submitted.

Workaround: Rename the file to remove % character and then submit job.