

PBS Access Desktop 2018.2

Release Notes



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PBS Access Desktop Release Notes

These release notes describe the known issues of PBS Access Desktop 2018.2. Please see the following sections for more information:

- [About PBS Access Desktop](#)
- [System Requirements](#)
- [Supported Product Configurations](#)
- [New Features](#)
- [Resolved Issues](#)
- [Known Issues](#)

About PBS Access Desktop

Altair's new PBS 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 PBS Access remote visualization and collaboration capabilities bring access to an expensive, highend 3D visualization datacenter hardware right to the user.

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

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System Requirements

Supported Platform

PBS Access Desktop is supported on the Windows-64 platforms:

Windows 64bit

- Windows 7
- Windows 10

Hardware Requirements

PBS Access Desktop requires a minimum hardware configuration:

Table 1. Hardware requirements for PBS Access Desktop

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

Supported Product Configurations

The currently supported PBS Access Desktop product configurations are:

Table 2. Supported Product Configuration for PBS Access Desktop

PBS Access Desktop	PBS Professional
2018.2	18.2.1 18.1.1 (Open source) - only on CentOS 7.4 14.2.4 14.1.0 (Open source) - only on CentOS 7.4 13.1.3

New Features

This section provides information about the new features of PBS Access Desktop 2018.2:

- [PBS Access Command Line Interface](#)
- [Job Submission Form Enhancement](#)
- [PBS Access Desktop Application Resize](#)

PBS Access Command Line Interface

Support for a Command Line Interface has been added. It is automatically installed when PBS Access Desktop is installed.

For more information on CLI, see the *PBS Access 2018.2 Commands Line Interface Guide*.

Job Submission Form Enhancement

The Job Submission form provides an option to choose Required Fields or All Fields while submitting a job.

PBS Access Desktop Application Resize

The user interface is now resizable to improve visibility and it can now be repositioned.

Resolved Issues

This section provides information about resolved issues with PBS Access Desktop 2018.2:

- [PA-3425 Newly added queue added via PBS Pro is not reflected in PAD](#)

PA-3425 Newly added queue added via PBS Pro is not reflected in PAD

Summary: Newly added queue via PBS Pro does not reflect in PAD until you restart PAD.

Resolution: The newly added queue via PBS Pro gets updated in PAD within 5 minutes.

Known Issues

This section provides information about known issues with PBS Access Desktop 2018.2:

- [PA-1380 Job Submission Error when PBS Pro is Installed on Desktop](#)
- [PA-1419 Success and failure message is not displayed when you terminate a job](#)
- [PA-1450 Double clicking the desktop short cut should open PBS Access Desktop](#)
- [PA-1461 Job submission occurs when the credentials for registered user are changed](#)
- [PA-1499 Message is not displayed during invalid character validation](#)
- [PA-1506 File is downloaded partially when the network reconnects](#)
- [PA-1542 Application screen gets trimmed](#)
- [PA-1543 PBS Access mounted drive is showing capacity of the local system](#)
- [PA-2024 No indication when the include files referenced from master file are not physically present](#)
- [PA-3842 PAD does not display running job folder or files for a cloud bursting scenario](#)

PA-1380 Job Submission Error when PBS Pro is Installed on Desktop

Summary: On Windows, a error is encountered while submitting a job when PAD is installed on the same machine as PBS Professional. Error is:

```
com.altair.cm.filemgmt.core.exceptions.OperationFailedException:
```

```
com.altair.gw.aif.exceptions.OperationFailedException: current working directory can not be null
```

Work Around: No workaround for this issue.

PA-1419 Success and failure message is not displayed when you terminate a job

Summary: When you terminate a job, the notification message is not displayed.

Work Around: No workaround for this issue.

PA-1450 Double clicking the desktop short cut should open PBS Access Desktop

Summary: Double clicking the desktop short cut while it is already running, should open PBS Access Desktop in maximize mode.

Work Around: No workaround for this issue.

PA-1461 Job submission occurs when the credentials for registered user are changed

Summary: If the user credentials are changed at the PBS Pro, the job submission is allowed from PBS Desktop until PBS Access Desktop is restarted.

Work Around: No workaround for this issue

PA-1499 Message is not displayed during invalid character validation

Summary: When invalid characters are entered in the stage or save provide text box, the box is highlighted with a red border, but no error message is displayed.

Work Around: No workaround for this issue.

PA-1506 File is downloaded partially when the network reconnects

Summary: File downloads do not complete when there is an interruption in network connectivity.

Work Around: No workaround for this issue.

PA-1542 Application screen gets trimmed

Summary: Application screen is getting trimmed off due to different screen resolutions on Windows desktop.

Work Around: No workaround for this issue.

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

Summary: This is due to a Microsoft limitation. Please refer to the knowledge base article:

<https://support.microsoft.com/en-us/help/2386902/webdav-mapped-drive-reports-incorrect-drive-capacity>

Work Around: No workaround for this issue.

PA-2024 No indication when the include files referenced from master file are not physically present

Summary: Job submission still happens even if the include files referenced in the master files are not physically present.

Work Around: No workaround for this issue.

PA-3842 PAD does not display running job folder or files for a cloud bursting scenario

Summary: Folders and files for a job running on a cloud bursted node are not accessible via PBS Access Desktop.

Work Around: No workaround for this issue.

