Release Notes

Accops HyWorks v3.2-SP1 Release

Last Updated: 20 December 2018

Contact Accops Systems Private Limited.

Email: info@accops.com

Call: +91 9595 277 001

Release Notes Document Revision History

Date	Changes
12-Dec-2018	Draft of release notes document for v3.2-SP1 prepared
20-Dec-2018	Released and updated

Table of Contents

Introduction

HyWorks v3.2-SP1 is released with some bug-fixes and enhancements to support customer requirements and improving stability.

HyWorks v3.2-SP1 release notes document is published to provide following details:

1. Information of HyWorks modules being released and download links in release v3.2-SP1
2. New features and enhancements delivered with v3.2-SP1 in HyWorks Controller, clients and other modules
3. Important bug fixes

HyWorks Components being Released in HyWorks V3.2-SP1

In this section of the document, details of different HyWorks Module are being provided, which are being delivered as part of HyWorks v3.2-SP1 release:

Important Notes:

1. **.Net 4.7.2** is required for Controller or Session Host Server installation
   a. Support for Windows 2008R2 is deprecated and Windows 2008R2 must be upgraded to SP1 before installing HyWorks Controller or Session Host Server.
2. HyWorks v3.2-SP1 controller must use Hyper-V Connector v3.0.0.30 or later for SCVMM or Hyper-V servers.
3. Linux SHD is supported with HyWorks Controller v3.2-SP1/v3.2-GA/v3.2-RC9 only.

Module	Version	Remarks	Download location
HyWorks Controller	v3.2.0.8742	Integrated setup consists of: • HyWorks Controller • Management Console/ User Workspace Portal/ RMS Console • All Client Setups • HyWorks Session Host Agent • HyWorks DVM Tools	Download HyWorks Controller v8742 MD5: d1bc4ea8157f3a3e82 353c75b5c14b0e
HyWorks Session Host Server	V3.2.0.8742	For separate installation of HyWorks Session Host on Windows Servers	Download HyWorks Session Host Server v8742 MD5: 63714dc70fffcaa6f2a 1cb3d98465a63
Accops Session Server Extension	v3.0.6.7	A newer version of session server extension v3.0.6.7 is released separately consists of following issue fix:	Download Link for v3.0.6.7 (Server (DVM/Shared

		• Bug Fix: Unable to upload files using Accops File Redirection module on network shared locations.	Session Host) module) MD5: bbd80d2c1d9613aa c201613350deadb2
No other components are being released in HyWorks v3.2-SP1 release. Please see HyWorks v3.2-GA release details for all other components. http://support.accops.com/solution/articles/12000051698-hyworks-v3-2-ga-release			

Important for Installation, Upgrade or HyWorks Deployments

Setup Dependency on .Net 4.7.2

HyWorks Controller or Session Host Server **v3.2** requires **.Net 4.7.2**

- Before upgrading any existing installation, make sure to install .Net 4.7.2 externally
- **Support for Windows 2008R2 is deprecated:**
  - .Net 4.7.2 is not supported on Windows 2008R2 (Minimum supported: Windows 2008R2-SP1)
    - Before installation or upgrade in environments running Windows 2008R2, first upgrade the OS to SP1

HyWorks Controller Versions Supporting Upgrade : HyWorks V3.2-SP1 (Controller or Session Host Server) is *upgrade compatible* with only below specified HyWorks Controller or Session Host Server Versions:

  - HyWorks Controller v2.5-SP1/SP2 or later installed with SQL Server

---

Note:
  - ➢ HyWorks v3.2-SP1 is not upgrade compatible with any previous versions of skyControl Server.
  - ➢ HyWorks v3.2-SP1 is not direct upgrade compatible with any previous versions of HyWorks Controller running with Embedded database.
    - Upgrade wizard does not support migration from Embedded Log database to SQL and thus the changes must be done manually.

HyWorks Components Compatibility

HyWorks v3.2-SP1 is a major release, having some known mandatory limitations, which must be taken care of while deploying HyWorks v3.2-SP1:

- **Modules supported with HyWorks v3.2-GA/SP1 Controller Only**
  - Linux dedicated virtual Desktops, shared hosted desktops or shell apps
  - HyWorks Clients for MAC
  - Latest DVM Tools v3.2.2.22
- **Other dependencies**
  - Linux SHD/Shell Apps via HyLite: HySecure Server v5200
  - Linux SHD via HyWorks Windows Clients: HyWorks v3.2-SP1
  - Hyper-V Connector v3.0.0030 or greater for HyWorks Controller v3.2-SP1
- **HyWorks Session Host Server v3.2-SP1 and v3.2-Controller**: For facilitating all recent features and enhancements, controller and session host server both should run the GA or SP1 versions only.

Details of HyWorks v3.2-SP1 Release

HyWorks v3.2-SP1 consists of following changes:

Prerequisite .Net 4.7.2 is must for HyWorks Servers

Windows servers to be configured with HyWorks Controller or Session Host Server must be installed with .Net 4.7.2.

Support for Windows 2008R2 Deprecated

As .Net 4.7.2 is **not** supported on Windows 2008R2, thus existing or new installation must upgrade Windows 2008R2 to Windows 2008R2-SP1.

Supported Windows Servers

Requires ex

- Windows 2008R2-SP1
- Windows 2012R2
- Windows 2016

New Features in HyWorks v3.2-SP1
HyWorks v3.2-SP1 release is having following new feature:

Enabling Entitlements/Authorization from Built-in Groups, populated with Active Directory Users
Earlier HyWorks authorization design was allowing only following combinations:

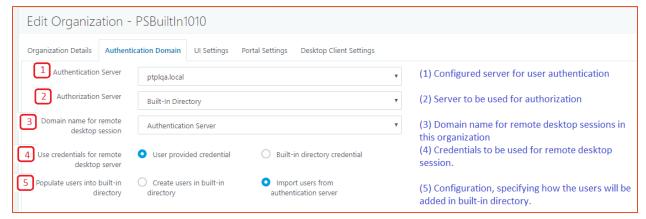- Built-in groups having built-in users
- Active directory groups

HyWorks v3.2-SP1, enables administrators to add active directory users into built-in groups and then authorizing desktops or application access using these built-in groups.

The feature is a value addition for customers, not being able to make active directory changes.

How to enable adding Active Directory/LDAP users into Built-in Groups
To enable this feature, administrators must use following Workspace- Organization – Authentication Domain configurations:

- Authentication Server: Active Directory/LDAP Server
- Authorization Server: Built-in Directory
- Domain name for remote desktop session: Authentication Server
- User Credentials for Remote Desktop Session: User provided credentials
- Populate users into built-in directory: Import users from authentication server

How to add AD Users into Built-in Groups
Once above configuration is enabled, administrator can use following steps to add AD users into built-in groups:

Process#1:

1. User Management => Groups => Add/Edit Group
2. Name/Description of new Group => Search and add AD Users
3. Save Group

Process#2:

1. User Management => Groups => Add Groups
2. User Management => Users => Add Users
3. Search and add AD Users => Search and select groups to be assigned with users
4. Save Users

These added users/ built-in groups can now be assigned with applications or desktops (from desktop pools)

Defects fixed in HyWorks v3.2-SP1 Release

HyWorks v3.2-SP1 released controller and session host server are having following important bug-fixes:

#	Subject
5286	Upgrade over v3.0 or older versions, causes following issues: a. Desktop pools cannot be modified and clicking on Edit button does not work b. Assignment from desktop pools are not working
5071	Controller is sending incorrect Connection Type parameter for **LAN** connection type (Expected value: Connection Type:i:6, Actual value: Connection Type:i:5)
4969	Unable to reconnect SHD sessions from Hy2000 devices
5287	CPU utilization throttling and optimization. Earlier with too many desktop pools and desktop VMs, controller service was causing spike in CPU utilization. – Optimization in SP1 release will help in reducing CPU consumption spikes.
5023	Course self-study reservation converted to course reservation on csv import
HW-1285	Active Directory: Exception during while login "multiple principal contains matching identity"
5020	RMS Changing CSV Import Configuration from Hourly to Daily makes "Time" and "Next Processing Schedule" as null resulting in inaccessible CSV Configurations and Dashboard Window in RMS Portal
-	Multiple replica VMs are created simultaneously from single Gold master.
5291	During recompose DVMs can be shutdown instead of Power Off (Default operation). The configuration is controlled from Management Console – System – Advanced Settings
5179	Virtual IP support in HyWorks Controller cluster. It's a new feature and will not be available by default. Please contact Accops Support Team for any queries or requirement of this feature.
5107	HyWorks Management Console – Help page: Download links and documentation links are not navigating to dead pages. Links have been corrected in SP1 release and will navigate users to Downloads and Documentation pages respectively.

Known Limitations and Issues of HyWorks v3.2-SP1 Features

#	Subject
5171	Changing Auth-domain configuration from AD-AD to AD-Built-in will not remove existing entitlements. Pervious entitlements with authorization AD can login into client when authorization is changed to built-in when removal of entitlements
5214	DN is not displayed in some unknown case for user in user management Users wizard. The issue does not have any functional implications.
5191	Group entitlements / User entitlements are still shown in Applications/Desktop Pools dialogs even after deleting the group or user. The issue does not have any functional implications.
5239	DN is displayed half after hover on User DN on User page. No functional impact of this issue.
5240	Search entry is removed on Groups wizard after clicking on enter
5244	Incorrect title/tooltip for edit group wizard in HyWorks
5266	Entitlements screen in applications/desktop pools has column header as Authentication server, where as entries are shown correctly of authorization server
5227	Authentication server is shown as 127.0.0.1 in Authentication server column in Applications – Entitlements list

All About HyWorks v3.2-GA Release

Please refer release notes document available on Accops Support Portal to know the detailed features and bug fixes in HyWorks v3.2-GA release.

The following article contains all the relevant details:

http://support.accops.com/solution/articles/12000051698-hyworks-v3-2-ga-release

Support

Contact Accops Support team (support.accops.com) for any assistance or queries.

About Accops

Accops Systems Private Limited. under "Accops" brand is a globally leading developer and provider of Enterprise Mobility solutions involving Application and Desktop Virtualization, Secure Remote Access and Privilege Access Management solutions.

Accops' s software and hardware products enable businesses to efficiently virtualize, secure and deliver business applications, corporate workspace and network services to their employees, partners, vendors, home users and mobile users, enabling instance access from anywhere using any device.

Accops, HyWorks, HyDesk, HyID, HyLite, HySecure and HyAssist are registered trademarks of Accops Systems Private Limited. Other names may be trademarks of their respective owners. Accops System has the right to change, modify, transfer or otherwise revise the publication without notice.

Tel: India +91 9595 277 001 | Europe +49 341 3315 78 30

Email: sales@accops.com | Web: www.accops.com

Copyright © 2017, Accops Systems Private Limited. All Rights Reserved.