RELEASE NOTES
AUTHCONTROL 4.1.1 Release Notes

MARCH 2021

CURRENT PRODUCTION VERSIONS

	Version	Build Number
AuthControl Sentry	4.1.1	(5560)
AuthControl User Portal	4.1.1	(5518)
AuthControl Single sign-on	4.1.1	(5521)

RECOMMENDED UPGRADE SPECIFICATIONS

Version 4.1.1 recommendations
4cores and 4gb Ram. **For high load environments please contact Swivel Secure for sizing recommendations.**

INTRODUCTION

This document provides an overview of what is new and what has been updated in AuthControl Sentry®. Please ensure you have read and understood the release notes before deploying this updated version 4.1.1

The list below provides a summary of the different sections in this document

1.0   Update guidance

2.0 AuthControl Sentry® updates

3.0 Software improvements.

4.0 New appliances improvement.

1.0 UPDATE GUIDANCE

This section provides basic guidance on updating your AuthControl Sentry® appliance using our YUM update service. If you require additional assistance please contact your Swivel Secure Partner, or if you have a maintenance agreement in place, contact the Swivel Secure Support team.

- Only direct upgrades from AuthControl Sentry® V4.x are supported. If you have a previous version of AuthControl Sentry®, please contact your Swivel Secure Partner or Swivel Secure Support team.

- Upgrades require a V4.x license

- Internet Access is required

- Working external DNS is required

1.1 SPECIFICATION REQUIREMENTS

Before commencing the update, please ensure your Swivel Secure appliance or appliances meet the required specification below.

The required specifications for AuthControl Sentry® V4 virtual appliances.

- 2GB RAM (minimum), **4GB RAM Recommended**
- 2 cores Minimum, **4 cores recommended**
- 80GB HDD (Thick Provisioned)
- VMware ESX/ESXi 4 or above
- 1vNIC (minimum)
- **Hardware only – please ensure your hardware appliance has sufficient memory to perform the upgrade before starting**

For high load virtual environments more resources (Memory & CPU) can be added. Please contact supportdesk@swivelsecure.com for more information as additional settings may be required.

For virtual appliances - ensure you take a snapshot before you start

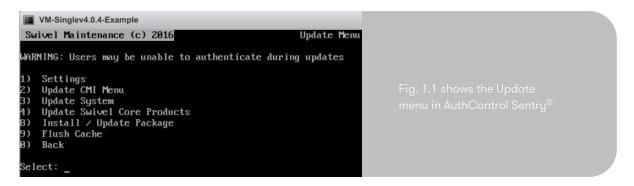**For hardware appliances - ensure you take a full backup through the CMI before you start**

1.1 PERFORMING THE UPDATE

To perform the update, please connect to the Console/CMI and navigate to Menu > Administration > Update Appliance.

Fig. 1.0 shows the Administration menu in Command Management Interface in AuthControl Sentry®

The order in which you perform a system update is important. Please follow the order below:

1.   CMI - Please ensure you logout and then back in again after CMI Update.

2.   System (Linux OS, services, drivers, etc).   There may be a requirement to perform multiple system updates depending on your current version. Please re-run the system update until no further updates are required.   After each system update, a reboot should be performed.

3.   AuthControl Sentry®

Fig. 1.1 shows the Update menu in AuthControl Sentry®

If you have an high availability (HA) environment, update the standby appliance first. Once successful, update the primary appliance.

2.0 AUTHCONTROL SENTRY® (4.1.1)

This section lists all the changes to the AuthControl Sentry® 4.1.1

2.1   MFA - We have on our core MFA, feasible to integrate with any SSO technology.

- Improved Session Synchronisation Algorithm
- The ability to synchronise sessions with more than 1 other appliance
- Improved the usability of the automatic deprovision
- Security improvements : Tomcat build is now 9.0.37.
- Prevent OATH token OTPs being used more than once
- New helpdesk policy to disable editing user policy
- User Portal: Add description panel to PIN change
- User Portal: Disable mobile provisioning or show message if user not permitted
- Increment lock count if password is incorrect.
- Removed restriction on number of groups / attributes.
- Changes to the way "Check Password with Repository" works on RADIUS and Agents.

2.2   AuthControl Mobile (MSP)

- Stability improvement
- Resource Usage improvement
- Bug Fixes – Less calls to you it support desk.
- Research about Widget and the usability of IOS
- Compatibility with Ipad
- Code Update to latest Apple directives
- Provisioning flow review and improvement

2.2   AuthControl Mobile IOS

- Increase the usability of apps.
- Optimize the mobile apps functionality and its relation with the high latency scenarios.
- Stability improvement.
- Resource Usage improvement
- Bug Fixes.
- Provisioning and deprovision flow review and improvement.

2.2   AuthControl Mobile Android

- Increase the usability of apps.
- Optimize the mobile apps functionality and its relation with the high latency scenarios.
- Stability improvement.
- Resource Usage improvement
- Bug Fixes.
- Provisioning and deprovision flow review and improvement.

3.0 New improvements of security in the new release.

This section lists include all of benefits:

- Upgrade the security appliance with new OS.
- Upgrade the Java Version.
- Upgrade the DataBase engine.

Focus on:

- Encrypted management and structure with cloud
- On rest data also encrypted.
- Triple handshake in the Java Version.
- Enviroment upgrade with new appliance.
- Vulnerabilities removed due to analysis in:
- Improve the security in the admin remote Access.
- Delete the support on "not compliance or unsecure " algoritms.

Mitigation of SSH vulnerabilities.

FURTHER ASSISTANCE

If you are an existing customer and have purchased through a Swivel Secure Partner, please contact them for further assistance

If you are an Accredited Partner and you wish to raise a ticket, please use the link below.

Click here

As a customer with a Premium Maintenance Agreement, our team of security experts are here to help you 24/7. The service agreement you received categorises issues in priority order P1through to P4.

Click here

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