

FoxT Control Center 7.1.0.2 Release Notes

This document contains information about the FoxT Control Center 7.1.0.2 product release from Fox Technologies. It includes the following sections:

- Revision History
- Tested Platforms
- What's New or Changed
- Fixed Issues
- Known Issues
- Getting Support And Service

Revision History

Revision number: 1

Date of this revision: 2018-02-27

Revision history:

Table1: Revision History

Rev No	Date	Comments
1	2018-02-27	First version.

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Tested Platforms

FoxT Control Center 7.1.0.2 has been tested on the following platforms:

Table 2: Tested Platforms

Vendor	Platform
Oracle	Oracle Solaris 10 on SPARC.
	Oracle Solaris 10 on x86 x64
	Oracle Linux 6
	Oracle Linux 7
Red Hat	Red Hat Enterprise Linux 6
	Red Hat Enterprise Linux 7

Table 2: Tested Platforms

Vendor	Platform
CentOS	CentOS 6
	CentOS 7
SuSE	SuSE Enterprise Linux 11
	SuSE Enterprise Linux 12
Debian	Debian 7
	Debian 8
Ubuntu	Ubuntu 14

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What's New or Changed

FoxT Control Center 7.1.0.2 is a maintenance release for FoxT Control Center 7.1.0. It includes some fixes for issues that are in FoxT Control Center 7.1.0. For a list of these see Table 4: Fixed Issues in FoxT Control Center 7.1.0.1.

The following list of new and changed features are new or changed as compared with the FoxT Control Center 7.0.0 release.

New and changed features in the 7.1.0.2 release.

- Added support for **Radius** authentication method. Radius is added as a modifier that can be used on Access Rules, and as an authenticator that can be assigned to users. Note that for this functionality to be displayed in the FCC interface, you must have installed hotfix **HFBM-0234** providing Radius support on the BoKS Master. Note that Radius authentication is only supported for hosts running BoKS version 7.1 or later, with the hotfix applied.
- Added support for the new Access Rule modifiers used with keystroke logging, `kslog_max_output` and `kslog_max_input`, which can be used instead of `kslog_level=4` to configure keystroke logging parameters when accessing BoKS Server Agents. Note that for these parameters to be available in FCC, the hotfix **HFBM-0232** must be installed on the BoKS Master, and for them to apply on BoKS Server Agents, these must have the hotfixes **HFBM-0230**, **HFBM-0231** or **HFBM-0232** installed, depending on BoKS version.
- The maximum length for a password used for logging in to the FCC interface via a BCCAS Access Rule has been increased from 31 characters to 256 characters.
- The Java Runtime (JRE) version has been updated to version 8u161.

New and changed features in the 7.1.0.0 release.

- Updated for BoKS Manager 7.1 functionality including:
 - Access rules can be edited, time-limited and commented.

- Keystroke logging can be specified for SSH access rules.
- A new password checkout GUI that replaces BoKS Password Manager.
- Configuration of users for password checkout within FCC.
- New program, `/opt/bccps/sbin/certinstall` (default installation path), that can be used to renew the keystore for an existing installation. For more information, see the *FoxT Control Center 7.1 Installation Guide*.
- Login to FCC using kerberos password authentication is now supported.
- FCC now checks which BoKS version is installed on your BoKS Master - if the corresponding BoKS version is not installed, a warning is displayed in the System Information panel on the start page of FCC 7.1.
- FCC now checks for available disk space before installation begins and does not install unless there is sufficient disk space (RFE #12282).
- The default terminal when adding SU Access Rules is changed from **console** to **any** (RFE #12248).
- You can now set the default shell for users that are added in FCC using the variable `user.shell.default` in the **bcc.properties** file. You can also set the list of shells (separated with spaces) to use for the auto-complete feature for user shell with the `user.shell.list` variable (RFE #12247).
- The **Initialize CA** function on the domain page has been removed. CA hierarchies can be built using the regular CA controls instead.

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Fixed Issues

Issues that have been fixed in this release. Please note that the issues in this section are separated into issues fixed in the FoxT Control Center 7.1.0 release, and issues fixed in the subsequent maintenance releases, starting with the latest release.

Table 3: Fixed Issues in FoxT Control Center 7.1.0.2

Issue #	Title	Description
#10043, #14047	PASSWORD RANDOMIZATION UNAVAILABLE WHEN ABAC ENABLED	Password randomization for users with password checkout enabled was unavailable when ABAC was enabled.

Table 4: Fixed Issues in FoxT Control Center 7.1.0.1

Issue #	Title	Description
#9745, #13591	HOTFIX PACKAGES INCORRECTLY DISPLAYED	The list of installed hotfix packages on the Start page was incorrectly displaying html code as text.
#9721	PREREG HOST SHOULD NOT REQUIRE IP ADDRESS	When adding and modifying a host pre-registration, an IP address was required when it should no longer be mandatory.
#9662	UNIX GROUP NAME FIELD LIMIT TOO SHORT	When assigning a Unix group to a user the field had a limit of 32 chars which was too short. The input limit for the field has been removed.

Table 5: Fixed Issues in FoxT Control Center 7.1

Issue #	Title	Description
#9661, #10110, TFS140307- 014676	ASSIGNMENT OF SSH PUBLIC KEYS LIMITS USERNAME LENGTH	When assigning an imported SSH public key to a user, there was a limit on the username you could specify for the key Owner that was smaller than the username limit in BoKS.
#9329, #12931	resetFailedLogins NOT DOCUMENTED	The user attribute resetFailedLogins was not documented in the ABAC Reference Guide.
#9129, #7245	CANNOT SET LDAP AUTHENTICATOR	It was not possible to add an LDAP authenticator to a user in FCC.
#9128, TFS140515- 014858	USERS MISSING IN TOUSER LOOKUPS FOR SU / SUEXEC	When creating an Access Route for SU/SUEXEC, once the host/Host Group is defined, the touser lookup fails to list all available users. It limits the lookup to only users within the same Host Group.
#9361, #13018	MISSING ERROR WHEN MODIFY UNIX GROUP FAILS	When changing the GID of UNIX group that causes overlapping GID on a host, the operation failed without giving any message and just presented the original page again.
#9125, #12185	ACCESS ROUTES INPUT FIELD TOO SHORT	Field lengths when registering Access Routes or program group definitions in the FCC GUI were too short. For example when entering a personal user Access Route definition or user class route the maximum length is 128 characters, while the corresponding database field length is 400 characters.
#9123, #10075	RESET FAILED LOGINS DOESN'T RELOAD PAGE	If you try to reset failed logins for a user directly in the user listing, the "Blocked reason" field is not refreshed.
#9122, #11567	CANNOT UPDATE BASIC DATA FOR EXPIRED USER	You are not able to change any field in the user "Basic Data" section if the user is expired and has a custom expiration setting.

Table 5: Fixed Issues in FoxT Control Center 7.1

Issue #	Title	Description
#9048, #12396	CANNOT SHOW AUDIT LOGS WITH RAW AND FACILITY FORMATS	When you attempted to display audit logs in the format raw or facility, the log messages could not be shown and an error message was displayed.
#9415, #9760, TFS130711- 014301	FCC REFUSES INSTALL ON A MOUNT POINT	The FCC presentation server installation program checks if the installation directories exist and are non-empty. If this is the case for /opt/bccps, the installation is aborted. This invalidates the use of an empty mount point directory, since such a directory typically contains the (empty) lost+found sub-directory.
#8834, TFS-140211 -014639, TFS-10075	RESET FAILED LOGINS BUTTON DOESN'T RELOAD PAGE	If a user has forgotten their password and makes too many erroneous login attempts, the failure counter can be reset by clicking the "Reset Failed Logins" button. When this is done, the accompanying text "Too many login failures" is not removed from the page automatically, but only when the page is refreshed (e.g. by pressing F5 in the browser). Note that in FCC 7.0.1, the "Reset Failed Logins" button was moved to the menu button on the User details page.

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Known Issues

Issues identified in this release, with workarounds where appropriate.

Table 6: Known Issues in FoxT Control Center 7.1.0.2

Issue #	Title	Description
#9866	FROM-USER CANNOT BE SPECIFIED FOR ACCESS RULES	Using the BoKS CLI program boksrule you can specify the from user for SU and SUEXEC Access Rules using the option --from-user. This option is currently not supported in FCC so you cannot add or modify Access Rules using this option in FCC.
#9652	CERTIFICATES ARE EXPORTED WITHOUT HEADERS OR FOOTERS	When you export a CA certificate in FCC the file contents do not conform to any established standards - the data is base64 encoded, but without begin/end certificate markers and headers. If, for example, you want to view a certificate exported from FCC in OpenSSL, you need to manually add line breaks every 64 chars, as well as begin/end certificate markers.

Table 6: Known Issues in FoxT Control Center 7.1.0.2

Issue #	Title	Description
#8083	HOST DETAILS PAGE NOT DISPLAYING CORRECTLY	The host details page does not display correctly in Internet Explorer with Compatibility View active. Action buttons are cut off and the entire button is not displayed. WORKAROUND: Do not activate Compatibility View for FCC in Internet Explorer.

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Getting Support And Service

If you have a question about a specific item in this document, refer to the case number or title listed at the start of the item when you place your technical support call.

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