

BoKS Web Services Interface 7.0 Release Notes

This document contains information about the BoKS Web Services Interface (WSI) 7.0 product release from Fox Technologies. It includes the following sections:

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Revision History

Revision: 1

Date of this revision: 06/02/2015

Revision history:

Rev No	Date	Comments
1	06/02/2015	First version.

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Tested Platforms

BoKS Web Services Interface 7.0 has been tested on the following platforms:

Component	Platform	Comments
WSI Server	Oracle Solaris 10 on SPARC.	
	Oracle Solaris 10 on x86	
	Oracle Linux 6	
	Oracle Linux 7	
	Red Hat Enterprise Linux 6	
	Red Hat Enterprise Linux 7	
	SuSE Enterprise Linux 11	
BoKS Manager	Version 7.0 on any tier 1 MRC platform	Must be installed as Master

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What's New or Changed

New features in this release.

Support for BoKS Manager 7.0 Functionality

BoKS WSI 7.0 is fully compliant with the functions and features of BoKS Manager 7.0 and should be used if you are running version 7.0 on your domain Masters.

Configurable Crypto Ciphers for TLS/SSL

The default protocols and ciphers are updated.

For details, see the BoKS WSI 7.0 Administration Guide.

Example Client Code for Java

In addition to the example client code provided for **Perl** and **Ruby** in previous versions, version 7.0 also includes example client code for **Java**, available with the other examples in the client examples download package.

API Changes

The following changes have been made to the API in comparison with the previous version (6.7):

Type of Change	API Item	Description of Change
Change	host type	New attributes added "boksVersion", "OSRelease".

Type of Change	API Item	Description of Change
Change	createHost	Attributes primaryIpAddress and secondaryIpAddresses may now be IPv6 (the primary with some restrictions; see man hostadm).
Change	modifyHost	Attributes primaryIpAddress and secondaryIpAddresses may now be IPv6 (the primary with some restrictions; see man hostadm).
Change	modifyHostType	Attributes primaryIpAddress and secondaryIpAddresses may now be IPv6 (the primary with some restrictions; see man hostadm).
Change	addHostSecondaryIpAddresses	Addresses may now be IPv6.
Change	createPreregHost	Attribute secondaryIpAddresses may now be IPv6.
Change	addPreregHostSecondaryIpAddresses	Addresses may now be IPv6.
Change	user type	The attributes "lastLoginTime" and "lastLogoutTime" are no longer listable.
Change	createUnixGroup	Attribute "name" now of form host/hostgroup:name.
Change	listUnixGroups	New attribute "hostGroup". Must be set when "excludeManaged" is true in order to list only unixgroups that are not already imported to that Host Group. Listing of "managed" unixgroups returns "name" as host/hostgroup:groupname.
Change	getUnixGroup	Attribute "name" now of form host/hostgroup:name. Attribute "gid" removed.
Change	modifyUnixGroup	Attribute "name" now called oldName and of form host/hostgroup:name. The following parameters can be used to modify the UnixGroup: "gid", "ostGroup", "name", "modifyComment". "modifyComment" is required, and at least one of "gid", "name" or "hostGroup" is required.
Change	deleteUnixGroup	Attribute "name" now of form host/hostgroup:name. Attribute "gid" removed. New attribute "forceDelete".

Type of Change	API Item	Description of Change
Change	addUserClassUnixGroup	Attribute "name" now of form host/hostgroup:name. Attribute "gid" removed.
Change	removeUserClassUnixGroup	Attribute "name" now of form host/hostgroup:name. Attribute "gid" removed.
Change	addUserUnixGroup	Attribute "name" now of form host/hostgroup:name. Attribute "gid" removed.
Change	removeUserUnixGroup	Attribute "name" now of form host/hostgroup:name. Attribute "gid" removed.
Change	unixGroup type	Attribute "comment" removed. New attributes "creationComment", "creationTime", "creator", "modifyComment", "modifyTime" and "modifier".
Change	auditLog type	New attributes "facility", "severity", "priority", "time", "timestring", "microseconds", "pid", "sd:*". Attributes removed: "serverTime", "clientTime", "type", "authHost", "tty".
Change	keystrokeLogFile type	New attributes "logID", "stale".
Change	createKSLogEncryptionCert	New attribute "local" (default: "false"). Attribute "password" is only required when "local" is false (the default).
Change	listAuditLog	New attribute "allItems".
New	listUnixGroupUsers	New function; List users a unix group is assigned to.
New	listUnixGroupUserClasses	New function; List user classes a unix group is assigned to.
New	listHostUnixGroups	New function; List names of unixgroups in BoKS assigned to named host directly or via Host Groups it is a member of.
New	listActiveLicenses	New function; List licenses for the domain that are active.
New	listLicenses	New function; List all licenses installed in the domain.
New	licenses	New type; A BoKS license.
New	listHostKSLServers	New function; List keystroke log server for a host.

Type of Change	API Item	Description of Change
New	listHostGroupKSLServers	New function; List keystroke log servers for a host group.
New	addHostKSLPrimaryServer	New function; Add a keystroke log server to a host.
New	addHostGroupKSLPrimaryServer	New function; Add a keystroke log server to a host group.
New	modifyHostKSLPrimaryServer	New function; Modify a keystroke log server comment for a host.
New	modifyHostGroupKSLPrimaryServer	New function; Modify a keystroke log server comment for a host group.
New	removeHostKSLPrimaryServer	New function; Remove a keystroke log server from a host.
New	removeHostGroupKSLPrimaryServer	New function; Remove a keystroke log server from a host group.
New	kslServer	New type; A keystroke log server.
Removed	changeUserHostGroup	Attribute removed: "asynchronously".

For more details, see the online API Reference and BoKS WSI 7.0 Administration Guide.

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Fixed Issues

Issues that have been fixed in this release.

#8188, TFS131210-014555

`changeUserHostGroup asynchronously=true` RETURNS INTERNAL SERVER ERROR

When the `changeUserHostGroup` function was called with `asynchronously=true` the admin server generated an internal server error due to the `asynchronously` option being obsolete in BoKS Manager 6.7 and later. The `asynchronously` option has been removed from this function in WSI 7.0.

#8189, TFS140421-014790

INSTALLATION DOES NOT CREATE MISSING PARENT DIRECTORIES

If Web Services Interface was installed in a directory structure other than the default the installation failed with error stating that the directory it was attempting to install in did not exist.

Known Issues

Issues identified in this release, with workarounds where appropriate.

#4581

WSI SERVER ACTIVE AFTER BLOCKING ISSUING CA AND REVOKING CERTIFICATE

If the CA that issued the host certificate for the WSI server is blocked, and the certificate in the WSI server's host virtual card is revoked, the WSI services still run even after BoKS is rebooted and the service is restarted.

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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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