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# BES DEPLOYMENT POLICIES

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## Overview

This document lists User Defined IT Policies that can be configured within BlackBerry Enterprise Server. These IT Policies control features of Bayalink Liberty. An organization may want to configure these based on their security architecture.

## Proxy Control

For additional information on proxy configuration for Bayalink Liberty please refer to the Bayalink Liberty Corporate Proxy Configuration Guide

Policy Name	Type	Description
BAYALINK-ENTERPRISE_PROXY	String	The name of the enterprise proxy server. If a non standard port then include “:port” at the end of the name. This can also be an url to a dynamic proxy determination script
BAYALINK-ENTERPRISE_PROXY_USERNAME	String	The username used to do basic or NTLM authentication to an enterprise proxy
BAYALINK-ENTERPRISE_PROXY_PASSWORD	String	The password used to do basic or NTLM authentication to an enterprise proxy

## Storage / VFS Control

Policy Name	Type	Description
BAYALINK-VFS_ALLOW	Boolean	Whether or not the Liberty Virtual File System can be used when the BlackBerry is configured with Mass Storage Mode Off and tethered or, when using Liberty with a Bluetooth connection. Default: <b>Yes</b>
BAYALINK-VFS_WEBDAV_ALLOWED	Boolean	Determines whether the user can access VFS via a WebDAV client (ie: Windows Explorer) Default: <b>Yes</b>
BAYALINK-VFS_BROWSER_ALLOWED	Boolean	Determines whether the user can access VFS via a Browser Default: <b>Yes</b>
BAYALINK-VFS_CHALLENGE	Boolean	<b>For Future Use</b>

## Attachment Handling Policies

Policy Name	TYPE	Description
BAYALINK-CHADS_FORWARD_ALLOWED	Boolean	If true users are allowed to use the Bayalink Hosted Attachment service for retrieving native attachments. Default: <b>Yes</b>
BAYALINK-EBAS_ALLOWED	Boolean	If true users are allowed to use the Bayalink Enterprise Attachment service that is installed behind the firewall alongside the BES Default: <b>Yes</b>

## Internet Browsing Policies

Policy Name	TYPE	Description
BAYALINK-BROWSER_CARRIER_ALLOWED	Boolean	If true users will be allowed to browse through their Carrier's APN connection. <b>IMPORTANT:</b> the APN must be set on the user's BlackBerry and the Carrier must support APN browsing If false the user will not see the Browse Carrier button on the Liberty Viewer.  Default: <b>Yes</b>
BAYALINK-BROWSER_BES_ALLOWED	Boolean	If true users are allowed to browse through your BES server. If false the user will not see the Browse Enterprise button on the Liberty Viewer.  Default: <b>Yes</b>
BAYALINK-BROWSER_ALLOWED_WHEN_ROAMING	Boolean	If true users are allowed to browse when roaming If false the user will not be allowed to browse via the Carrier or Enterprise when their device is roaming. <b>NOTE:</b> if the device is on a WiFi connection, this policy is ignored.  Default: <b>Yes</b>
BAYALINK-RDP_ALLOWED	Boolean	If true users are allowed to use Remote Desktop feature in Liberty If false the Remote Desktop feature is disabled in Liberty. <b>NOTE:</b> This feature requires a network connection, therefore BAYALINK-BROWSER_BES_ALLOWED must be true.  Default: <b>Yes</b>

BAYALINK-BROWSER_BES_CARRIER_ALLOWED (future use)	Boolean	If true users will be allowed to browse through your BES server over the carrier's network  If false the user will only be able to browse via WIFI if configured and connected on the user's device  Default: <b>Yes</b>
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### PIN Integration Policies

Policy Name	TYPE	Description
BAYALINK-PIN_ALLOWED	Boolean	If true users are allowed to have PIN message integration on the Liberty Viewer.  Default: <b>Yes</b> <b>NOTE:</b> If the BES policy "Allow Peer-to-Peer Messages" is set to No, this policy is overridden

### Phone Integration Policies

Policy Name	TYPE	Description
BAYALINK-PHONE_ALLOWED	Boolean	If true users are allowed to have phone integration on the Liberty Viewer.  Default: <b>Yes</b>
BAYALINK-SMS_ALLOWED	Boolean	If true users are allowed to have sms/text message integration on the Liberty Viewer.  Default: <b>Yes</b> <b>NOTE:</b> The BES policy "Allow SMS", if set to No, overrides this setting

### Bayalink Internal Policies

Policy Name	TYPE	Description
BAYALINK-DEBUG_OPEN_CORE	Boolean	If true then secure session token is not passed to the Viewer on launch enabling debug from a standard browser  Default: <b>No</b>

## Security Level Control

Policy Name	Type	Description
BAYALINK-SECURITY_LEVEL	1,2,3	As of R2.x only levels 1 and 2 apply. Read Security Architecture for more information on security levels and their implications
BAYALINK-DATA_CONTAINER	Multi-line string	<i>Valid settings: LibertyReady   &lt;none&gt;</i>  <i>If set to LibertyReady, the endpoint must be running within a LibertyReady session for Liberty to connect.</i>  Default: none
BAYALINK-NET_CONTAINER	Boolean	Regardless of the DATA_CONTAINER, Yes means ensure endpoint network interfaces are off during a LibertyReady session.  <b>Default: No</b>
BAYALINK-DATA_CONTAINER_VALIDATION_TIMEOUT	Integer [5..60]	The maximum amount of time in seconds allowed for the validation to occur, beyond this time, the connection will be cancelled  <b>Default: 30</b>
BAYALINK-DATA_CONTAINER_RESET_TIMEOUT	Integer [-1..1800]	Controls the amount of time in seconds that the container will remain open after Liberty is disconnected  <b>Default: -1</b> - will use the data container default value
BAYALINK-ENDPOINT_DOMAIN_VALIDATION	Boolean	If set to Yes, Liberty checks the endpoint to determine if the endpoint belongs to the domain and if so allows a Liberty Connection  <b>Default: No</b>
BAYALINK-ENDPOINT_DOMAINS_ALLOWED	Multi-line string	Domains and SID that the endpoint must belong to to be allowed for use Format:  <domain> <domainsid>  <domain2> <domain2sid>  <b>Default: none</b>
BAYALINK-ENDPOINT_REGISTRY_CHECK	String	During a connection, if endpoint validation is enabled, validate that the following registry information is found on the endpoint  <b>Default: none</b>
BAYALINK-LIBERTYREADY_MIN_VERSION	String	During a connection, if LibertyReady is required, only allow a connection if LibertyReady running on the endpoint is greater than or equal to this value.  <b>Default: 1.0.4.3</b>
BAYALINK-LIBERTY_MIN_VERSION	String	During a connection, only allow a connection if the Liberty version running on the endpoint is greater than or equal to this value.  <b>Default: 2.0.6.0</b>

### Possible Configurations:

- 1) Force Liberty to only be connected to a LibertyReady Session
- 2) Force Liberty to only be connected on a Windows PC logged in with a domain user
- 3) Force Liberty to only be connected on a Windows PC with a specific registry setting configured on the endpoint.

- 4) Require an endpoint be either a LibertyReady session, a logged in domain user, and or have a specific registry setting.
- 5) None – allow Liberty to connect on any endpoint

NOTE: Users connected to an endpoint outside of a LibertyReady session can store documents to the endpoint. These documents will not be automatically deleted/cleaned up.