

Cisco IOS Software Release 12.3(7)XJ

Document ID: 60547

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Description of the Release	Cisco IOS® Software Release 12.3(7)XJ is an ED (XED) release of Mobile-IP HomeAgent R2.0 for the CDMA networks. The HomeAgent can run on the Cisco 7200VXR and the Mobile Wireless Access Module (MWAM) card for the Catalyst 6500/7600 platforms. The HomeAgent R2.0 release contains features for Cisco customers like Bell Mobility, Sprint, and so forth. Features include HotLining, VPN routing and forwarding (VRF), On-Demand Address Pool (ODAP), Dynamic Host Configuration Protocol (DHCP) based IP address allocation, and so forth. The HomeAgent feature set remains the same on both 7200VXR and MWAM for Catalyst 6500/7600. Up to five instances of HomeAgent images can run each MWAM card. This aggregates session capacity and throughput of the box.									
Product and Feature Support	<p>Cisco IOS Software Release 12.3(7)XJ supports these platforms:</p> <table border="1" data-bbox="440 835 1444 1108"><thead><tr><th data-bbox="440 835 751 915">Product/Feature</th><th data-bbox="759 835 1262 915">Image Name</th><th data-bbox="1270 835 1444 915">Memory Requirements</th></tr></thead><tbody><tr><td data-bbox="440 919 751 1024">VXR 7200</td><td data-bbox="759 919 1262 1024"><ul style="list-style-type: none">• c7200-h1is-mz• c7200-h1ik9s-mz</td><td data-bbox="1270 919 1444 1024">See Release Notes</td></tr><tr><td data-bbox="440 1029 751 1108">Cat6500/7600-MWAM</td><td data-bbox="759 1029 1262 1108"><ul style="list-style-type: none">• c6svc-5mwam-h1is-b12_21.123-7.T.b</td><td data-bbox="1270 1029 1444 1108">See Release Notes</td></tr></tbody></table> <p>Feature Description: The features for HomeAgent (HA) in this release are described in detail in the EC slides EDCS-345532. The features include:</p> <ul style="list-style-type: none">• HA-SLB• IS-835-C IPsec (static)• ODAP and ODAP DHCP Client and Subnet allocation Server• Conditional Debug Mobile IP and RADIUS• HA does not do HA-Challenge Handshake Authentication Protocol (CHAP) with mobile foreign challenge extensions (MFCE)• Mobile Node (MN)-AAA removal by Packet Data Serving Node (PDSN) from registration request (RRQ) to HA• Support for CDMA-MN-HA-SHARED-KEY (26, 5535, 58)• HA redundancy with local IP pools• HA with IP allocation from DHCP and redundancy support• HA-VRF• Hot-Lining• PoD and Resource Revocation	Product/Feature	Image Name	Memory Requirements	VXR 7200	<ul style="list-style-type: none">• c7200-h1is-mz• c7200-h1ik9s-mz	See Release Notes	Cat6500/7600-MWAM	<ul style="list-style-type: none">• c6svc-5mwam-h1is-b12_21.123-7.T.b	See Release Notes
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Support Pages	<p>For more information, consult these web pages:</p> <p>Release Documentation</p> <ul style="list-style-type: none">• 12.3(7)XJ Release Notes <p>Parent Release Documentation</p>									

	<ul style="list-style-type: none"> • Cisco 12.3 Release Notes <p>Other Links</p> <ul style="list-style-type: none"> • Cisco IOS General Information • Cisco IOS Software Release Field Notices • Cisco IOS Software Release Reference Guide • Projected Release Dates 																		
Target Market	Cisco Systems, Inc. released Cisco IOS Software Release 12.3(7)XJ as a short-lived early deployment (XED) release for the Catalyst 65xx-MWAM, 76xx-MWAM and the Cisco VXR 7206 series routers. It is targeted for Mobile Wireless customers and partners.																		
Lifecycle of Release	<p>Cisco IOS Software Release Reference Guide</p> <table border="1" data-bbox="440 709 1445 1073"> <thead> <tr> <th data-bbox="440 709 919 751">Milestones</th> <th data-bbox="919 709 1179 751">Y2K Compliance</th> <th data-bbox="1179 709 1445 751">Release Designation</th> </tr> </thead> <tbody> <tr> <td data-bbox="440 751 919 800">CCO FCS: May 18, 2004</td> <td data-bbox="919 751 1179 800"></td> <td data-bbox="1179 751 1445 800"></td> </tr> <tr> <td data-bbox="440 800 919 848">MFG FCS: May 24, 2004</td> <td data-bbox="919 800 1179 848"></td> <td data-bbox="1179 800 1445 848"></td> </tr> <tr> <td data-bbox="440 848 919 896">EOS:</td> <td data-bbox="919 848 1179 896">Yes</td> <td data-bbox="1179 848 1445 896">XED Release</td> </tr> <tr> <td data-bbox="440 896 919 945">EOE:</td> <td data-bbox="919 896 1179 945"></td> <td data-bbox="1179 896 1445 945"></td> </tr> <tr> <td data-bbox="440 945 919 993">EOL:</td> <td data-bbox="919 945 1179 993"></td> <td data-bbox="1179 945 1445 993"></td> </tr> </tbody> </table>	Milestones	Y2K Compliance	Release Designation	CCO FCS: May 18, 2004			MFG FCS: May 24, 2004			EOS:	Yes	XED Release	EOE:			EOL:		
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Maintenance Releases	<p>It is highly recommended that Release Notes are used to determine if a maintenance release should be used. Release Notes provide announcements of new features and a summary of known caveats at the time of the renumber.</p> <table border="1" data-bbox="440 1241 1445 1671"> <thead> <tr> <th data-bbox="440 1241 911 1289">Maintenance Cycle</th> <th data-bbox="911 1241 1445 1289">Download Image</th> </tr> </thead> <tbody> <tr> <td data-bbox="440 1289 911 1671">Cisco IOS Software Release 12.3(7)XJ – No maintenance plans for an X release.</td> <td data-bbox="911 1289 1445 1671"></td> </tr> </tbody> </table> <p>Important Notes: N/A</p>	Maintenance Cycle	Download Image	Cisco IOS Software Release 12.3(7)XJ – No maintenance plans for an X release.															
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Interim Builds

Short-lived X releases do not provide interim builds.

Recommended Customer Migration Path

To view the projected release date of Cisco IOS Software Release 12.3(7)XJ, see the Projected Release Dates for Cisco IOS Software Release Product Bulletin.

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