Product Change Notice

Huawei PCN AR G3 一 20120005 AR G3 Router License Change Notice

0. Abstract

To improve the license mechanism of AR G3 series routers and meet the requirements for on-demand service delivery, a new license framework is set up starting from V2R2. The new license framework will replace the original feature license framework. In addition, the original licenses cannot be purchased any more, but they can still be used independently from the new license framework.

1. Vendor

Huawei Technologies Co., Ltd.

2. PCN Information

PCN No.		AR G3 -20120005
PCN Version		Rev: 01
PCN Type		B
Roadmap	Release date	2012-07-31
	Implementation date	2012-07-31

3. Affected Systems and Products

Category	Product	Hardware	Software	Firmware	Plug-in
AR G3	AR1200, AR2200, AR3200, AR150, and AR200 series routers	No	Yes	No	No

4. Other Changes

None.

5. Part Number Change

None.

6. Change Reason

To improve the license mechanism of AR G3 series routers and meet the requirements for on-demand service delivery, a new license framework is set up starting from the general availability (GA) of V2R2. The new license framework will replace the original feature license framework.

7. Change Description

7.1 New Licenses

The new licenses that have gone to the market include licenses of basic data packages, data value-added service (VAS) packages, voice VAS packages, and security VAS packages. The basic data packages are free of charge, and installed and activated by default. The data VAS packages and security VAS packages contain some new data and security value features added to V2R2. More data and security features will be added to later versions. The voice VAS packages contain the AG function that is free of charge in V2R1.

Table 1 Time to add the new licenses to the QD

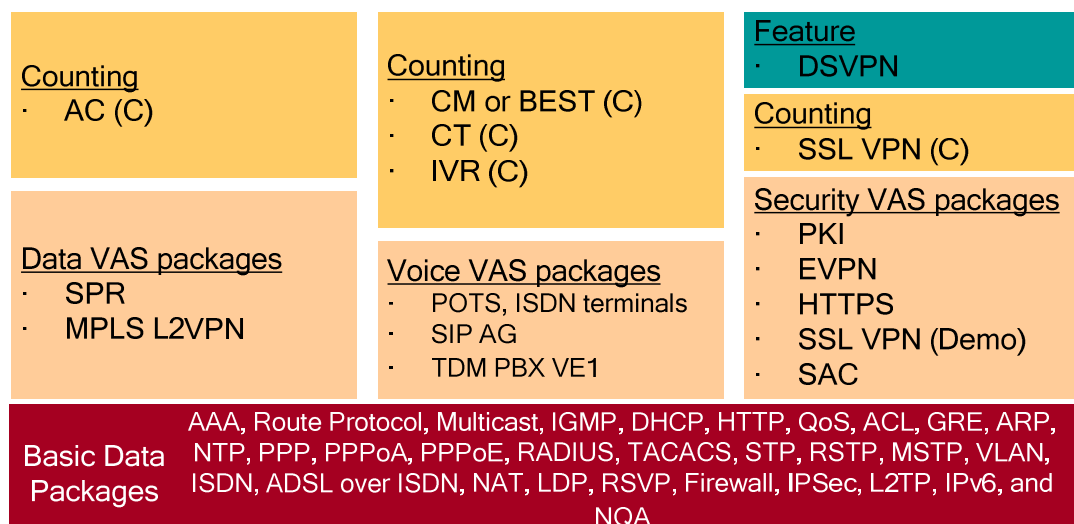| License Name	Go-to-Market Version	Time to Be Added to the QD	Replaced License
Data VAS Package License	V2R2C00	2012-5-4	Newly Added
Security VAS Package License	V2R2C00	2012-5-4	Newly Added
Voice VAS Package License	V2R2C00	2012-7-31	Newly Added

License Name	Go-to-Market Version	Time to Be Added to the QD	Replaced License
DSVPN	V2R2C00	2012-5-4	Newly Added
SSL VPN	V2R2C00	2012-1-16	Newly Added
Call Manager (CM) or Branch Exchange for Survivable Telephony (BEST) License	V2R2C00	2012-7-31	IP PBX license
Call Trunk (CT)	V2R2C00	2012-7-31	IP PBX license
Interaction voice response (IVR)	V2R2C00	2012-7-31	IP PBX license

7.2 License Structure Change

The original flattened license structure is changed to a hierarchical license structure. That is, the new licenses depend on each other. For example, the PBX license can be purchased independently before. However, you must purchase the voice VAS packages first, and then new CM or BEST, CT, and IVR licenses (the three licenses can be purchased independently).

Figure 1 New license framework of the AR G3
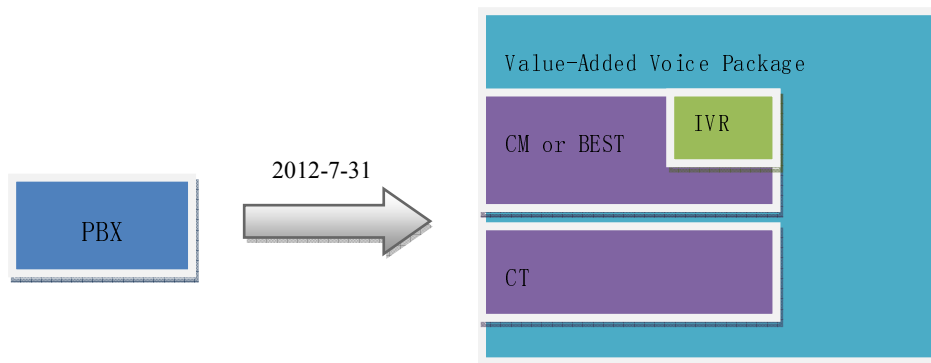

7.3 Original PBX License Change

The PBX license is replaced by CM or BEST, CT, and IVR licenses. In addition, the new license depends on the

voice VAS packages, and IVR depends on the CM or BEST license.

Table 2 Original PBX license (V2R1)

	Quotation Item.	Description	Version
Original Voice License	AR0S000PBX00	PBX Function	V2R1
New Voice License	LAR0VOICEE01	AR150&200 Value-Added Voice Package	V2R2
	LAR0VOICEE02	AR1200 Value-Added Voice Package	V2R2
	LAR0VOICEE03	AR2200 Value-Added Voice Package	V2R2
	LAR0VOICEE04	AR3200 Value-Added Voice Package	V2R2
	LAR0CMBEST01	AR CM&BEST License-5 telephones	V2R2
	LAR0CMBEST02	AR CM&BEST License-25 telephones	V2R2
	LAR0CMBEST03	AR CM&BEST License-100 telephones	V2R2
	LAR0CT01	AR CT(Call Trunk) License-5 sessions	V2R2
	LAR0CT02	AR CT(Call Trunk) License-25 sessions	V2R2
	LAR0CT03	AR CT(Call Trunk) License-100 sessions	V2R2
	LAR0CT04	AR CT(Call Trunk) License-500 sessions	V2R2
	LAR0CT05	AR CT(Call Trunk) License-1000 sessions	V2R2
	LAR0IVR01	AR IVR(Interactive Voice Response) License-1 session	V2R2
	LAR0IVR02	AR IVR(Interactive Voice Response) License-12 sessions	V2R2

Figure 2 PBX license change and license structure

8. Impact

(1) Before July 31, 2012, users who have already purchased the PBX license can continue using services defined by the PBX license in V2R1, V2R2, and later versions.

(2) After July 31, 2012, the PBX license cannot be purchased, and the new license will go to the market. If users need to purchase the original PBX license, they have to purchase new CM or BEST, CT, and IVR licenses that can be purchased independently. The software version of devices must be later than V2R2. If the original software version is V2R1, the new license can be used only after the software is upgraded to

V2R2 or a later version.

(3) If a device uses V2R1 and the voice AG function, the AG function can still be used and the AG license does not need to be purchased after the software is upgraded to V2R2 or a later version.

9. Affected Documents

None.

10.   Attachment

The following table gives the voice license description:

Feature License Name	Description
AR Voice VAS Package License	To enable any voice function, this license must be configured first. Other licenses can be loaded only after this license is loaded. • Provides direct access for users of terminals including POTS and ISDN phones. • Provides SIP AG, which enables direct access of POTS and ISDN terminals to convert the SIP protocol. Supports TDM PBX VE1 access and allows VE1 to access phones to convert the SIP protocol.

Feature License Name	Description
AR CM or BEST License	• The CM feature implements call management of POTS, ISDN, and IP phones. The CM manages all new PBX services. Some new PBX services such as IVR can be used only after the service license is loaded. • Supports various trunks such as AT0, E1, and SIP, R2, BRA, and CS. When the IP WAN fails, the BEST feature can still provide outgoing calls trough the PSTN, internal calls inside a branch, and branch voice call handover. The BEST provides only the basic call function and does not support the PBX VAS. • Supports access of analog or IP phones inside a branch and access of TDM PBX. • Supports outgoing calls through the IP WAN using the SIP trunk and outgoing calls through the PSTN using the AT0 or E1 trunk. • The E1 and AT0 trunk take effect only when the SIP trunk fails. When the SIP trunk works properly, the outgoing call using the E1 or AT0 trunk is disabled. • When the SIP trunk works properly, outgoing call using the SIP trunk inside a branch needs to be processed by the headquarters (HQ) CM.

Feature License Name	Description
AR CT License	The CT is the TG function that implements trunk interconnection and protocol packet conversion, but does not support direct access of terminals. • Supports AT0/E1/SIP/R2/BRA/CS trunk interfaces including both uplink and downlink interfaces. • Supports the H.323-SIP and R2-SIP translation and codec conversion. • Two trunks need a CT license to implement conjunction. Other applications do not need this license.
AR IVR License	• The function of IVR queuing and automatic connection is similar to that of a console. When an external user dials the access code of an IVR service, the system asks the subscriber to dial the extension number or the exchange number. That is, the subscriber can directly dial the extension number to enter the conversion or dial the exchange number to trigger the simultaneous ringing service, sequential ringing service, or line selection service (selecting a subscriber based on certain rules). When multiple subscribers call the IVR switchboard, subsequent subscribers wait in the call queue and hear the call queue announcement. • DISA service can be considered as an IVR application and needs an IVR license.

11.   Remarks

If you have any questions about the change, contact Huawei sales representatives or technical support personnel.