ASR9000只读用户

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配置

要在具有只读访问权限的聚合服务路由器9000(ASR9K)上创建用户，我们需要定义具有只读权限的任务组，使用该任务组创建一个用户组，然后将新创建的组附加到用户。

创建任务组

这些任务允许用户运行show命令。

```
RP/0/RSP1/CPU0:ASR9000# show run taskgroup taskgroup_read_only
taskgroup taskgroup_read_only
 task read fr
 task read li
 task read aaa
 task read acl
 task read atm
 task read bfd
 task read bgp
 task read cdp
 task read cef
 task read cgn
 task read eem
 task read nps
 task read pbr
 task read ppp
 task read qos
 task read rib
 task read rip
 task read sbc
 task read ancp
 task read bcdl
```

```
task read boot
task read diag
task read dwdm
task read hdlc
task read hsrp
task read ipv4
task read ipv6
task read isis
task read lisp
task read lpts
task read ospf
task read ouni
task read rcmd
task read snmp
task read vlan
task read vpdn
task read vrrp
task read admin
task read eigrp
task read l2vpn
task read bundle
task read crypto
task read fabric
task read static
task read sysmgr
task read system
task read tunnel
task read drivers
task read logging
task read monitor
task read mpls-te
task read netflow
task read network
task read pos-dpt
task read firewall
task read mpls-ldp
task read pkg-mgmt
task read call-home
task read fault-mgr
task read interface
task read inventory
task read multicast
task read route-map
task read sonet-sdh
task read transport
task read ext-access
task read filesystem
task read tty-access
task read config-mgmt
task read ip-services
task read mpls-static
task read route-policy
task read host-services
task read basic-services
task read config-services
task read ethernet-services
!
```

创建用户组

任务组应用于用户组。我创建了一个名为usergroup_read_only的用户组

```
RP/0/RSP1/CPU0:ASR9000# show run usergroup usergroup_read_only
usergroup usergroup_ready_only
 taskgroup taskgroup_read_only
!
end-group
```

第 1 项.创建本地用户

创建本地用户，然后应用用户组。

```
RP/0/RSP1/CPU0:ASR9000# show run username tyler
username tyler
 group usergroup_read_only
 secret 5 $1$wTwU$CdHKzfRJlJ7kDvJa7NWdi.
!
```

确认

Show命令有效

```
RP/0/RSP1/CPU0:ASR9000# show clock
13:42:03.811 UTC Thu Jun 30 2016
```

```
RP/0/RSP1/CPU0:ASR9000# show run
Building configuration...
!! IOS XR Configuration 5.1.3
!
hostname ASR9000

[output omitted]
```

配置尝试失败

无法阻止对配置的访问，但任何尝试的配置都将失败。

创建环回接口等基本配置失败。

```
RP/0/RSP1/CPU0:ASR9000# conf t
RP/0/RSP1/CPU0:ASR9000(config)# int loopback 103
% This command is not authorized
```
删除BGP也会失败。

```
RP/0/RSP1/CPU0:ASR9000# configure
RP/0/RSP1/CPU0:ASR9000(config)# no router bgp 65530
% This command is not authorized
```

检查组分配

登录的用户是usergroup_read_only的成员

```
RP/0/RSP1/CPU0:ASR9000# show user group
usergroup_read_only
```

检查任务分配

此用户对于指定任务仅具有读取权限。

```
RP/0/RSP1/CPU0:ASR9000# show user tasks
Task:                  aaa : READ Task: acl  : READ Task: admin  : READ Task: ancp  : READ
Task: atm  : READ Task: basic-services  : READ Task: bcdl  : READ Task: bfd  : READ Task: bgp  :
READ Task: boot  : READ Task: bundle  : READ Task: call-home  : READ Task: cdp  : READ Task: cef
 : READ Task: cgn  : READ Task: config-mgmt  : READ Task: config-services  : READ Task: crypto
 : READ Task: diag  : READ Task: drivers  : READ Task: dwdm  : READ Task: eem  : READ Task:
eigrp  : READ Task: ethernet-services  : READ Task: ext-access  : READ Task: fabric  : READ
Task: fault-mgr  : READ Task: filesystem  : READ Task: firewall  : READ Task: fr  : READ Task:
hdlc  : READ Task: host-services  : READ Task: hsrp  : READ Task: interface  : READ Task:
inventory  : READ Task: ip-services  : READ Task: ipv4  : READ Task: ipv6  : READ Task: isis  :
READ Task: l2vpn  : READ Task: li  : READ Task: lisp  : READ Task: logging  : READ Task: lpts  :
READ Task: monitor  : READ Task: mpls-ldp  : READ Task: mpls-static  : READ Task: mpls-te  :
READ Task: multicast  : READ Task: netflow  : READ Task: network  : READ Task: nps  : READ Task:
ospf  : READ Task: ouni  : READ Task: pbr  : READ Task: pkg-mgmt  : READ Task: pos-dpt  : READ
Task: ppp  : READ Task: qos  : READ Task: rcmd  : READ Task: rib  : READ Task: rip  : READ Task:
route-map  : READ Task: route-policy  : READ Task: sbc  : READ Task: snmp  : READ Task: sonet-
sdh  : READ Task: static  : READ Task: sysmgr  : READ Task: system  : READ Task: transport  :
READ Task: tty-access  : READ Task: tunnel  : READ Task: vlan  : READ Task: vpdn  : READ Task:
vrrp  : READ
```

参考

[支持论坛 — ASR9000/XR使用任务组并了解权限级别和授权 — Xander指南](#)