

# Configure AAA authentication on Cisco routers

## Lecture 3

# Two main ways to organize access to equipment

- Local Database (where you have to access with your user name )
- AAA server (stored central)

# What does mean triple AAA?

- A-authentication
- A-authorization
- A-accounting

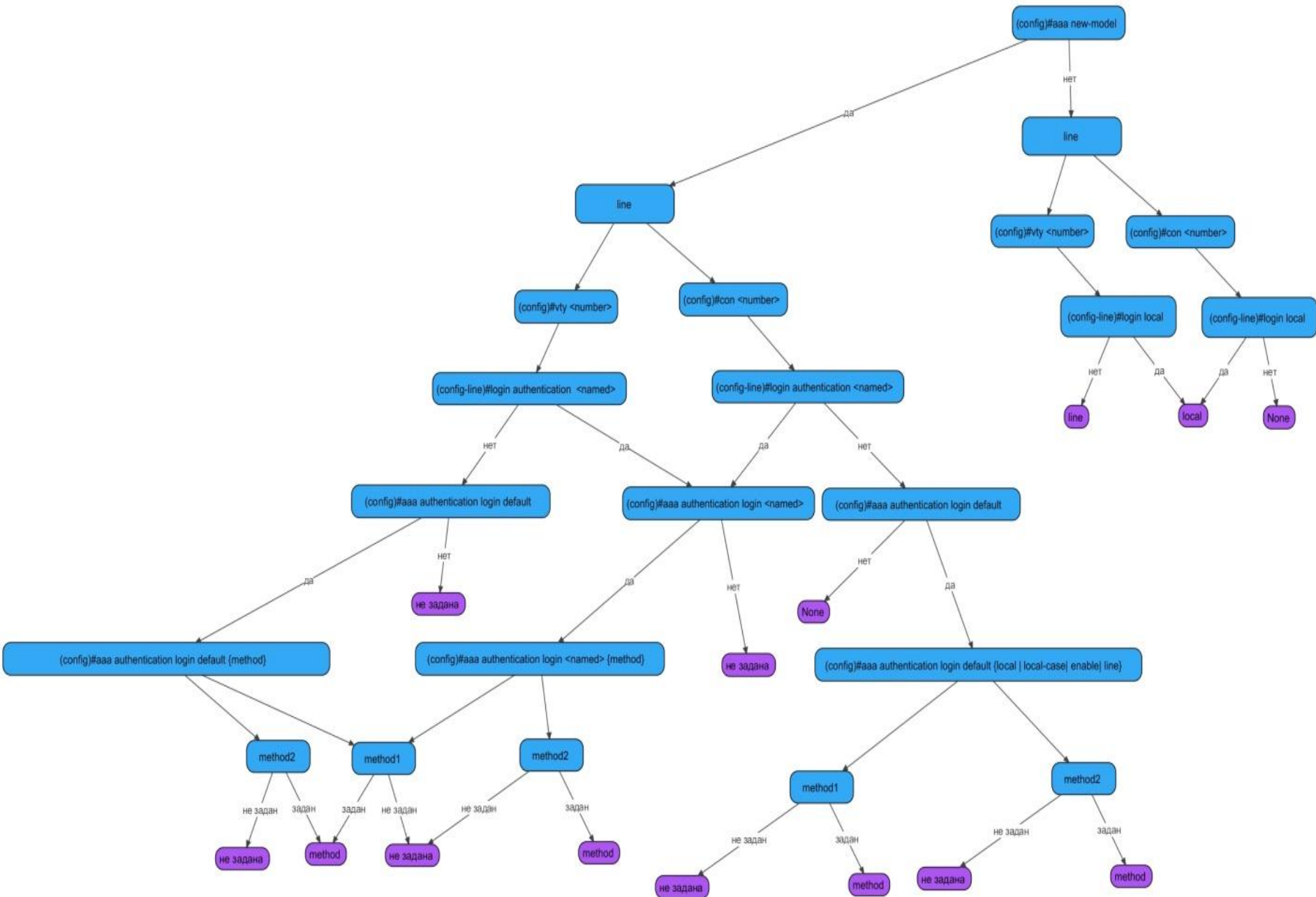
# Two main Protocols

- Radius
- Tacacs (Tacacs+)

# Difference between Radius and Tacacs

	Radius	Tacacs
Protocol	UDP 1812/1645 authentication 1813/1646 authorization	TCP/49
Cyber	Only passwords	All data
<b>characteristic</b>	Open source	Development of CISCO

- The working Scheme



```
Router(config)#enable secret cisco
Router(config)#username admin privilege 15 secret cisco
Router(config)#aaa new-model
Router(config)#aaa authentication login default group radius
local
Router(config)#radius-server host 192.168.1.4 key cisco
```

- <https://habr.com/ru/company/pt/blog/192668/>