SANGFOR

IAM

CAS Authentication Configuration Guide

Version 12.0.18

Change Log

Date	Change Description
Dec 24, 2019	Version 12.0.18 document release.

CONTENT

Chapter 1 Content requirements

1 Product Introduction

IAM cooperate with CAS server to implement third-party password authentication.

2 Application Scenario

Client had deploy CAS server (**Central authentication server**) in their network, CAS server protected internal user ID and password information. Currently the client has apply the IAM device in their network, so the client want to enable password authentication on IAM, but using the credential data in CAS server for third party password authentication.

3 Requirement Condition

1. IAM device with version 12.0.18 or above
2. Prepare a PC that able to communicate in the network.
3. Client had install CAS server, get a testing account from the client as well as get the CAS authentication link, for example https://"ip":8443/cas/login.

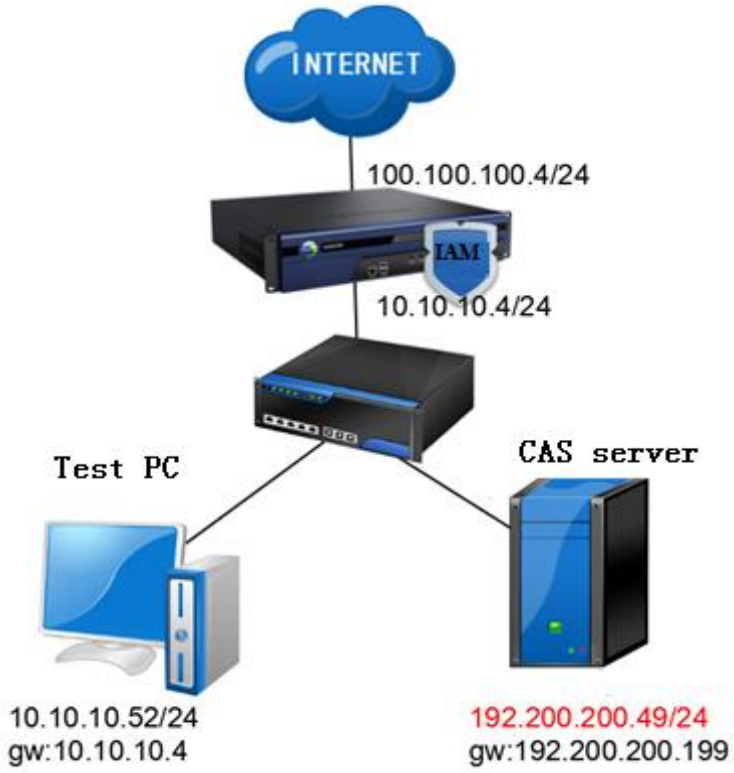
4 Configuration Idea

1. Configure an External Authentication Server on IAM device.
2. Configure an Authentication policy on IAM device.

5 Configuration Guide with Screenshot

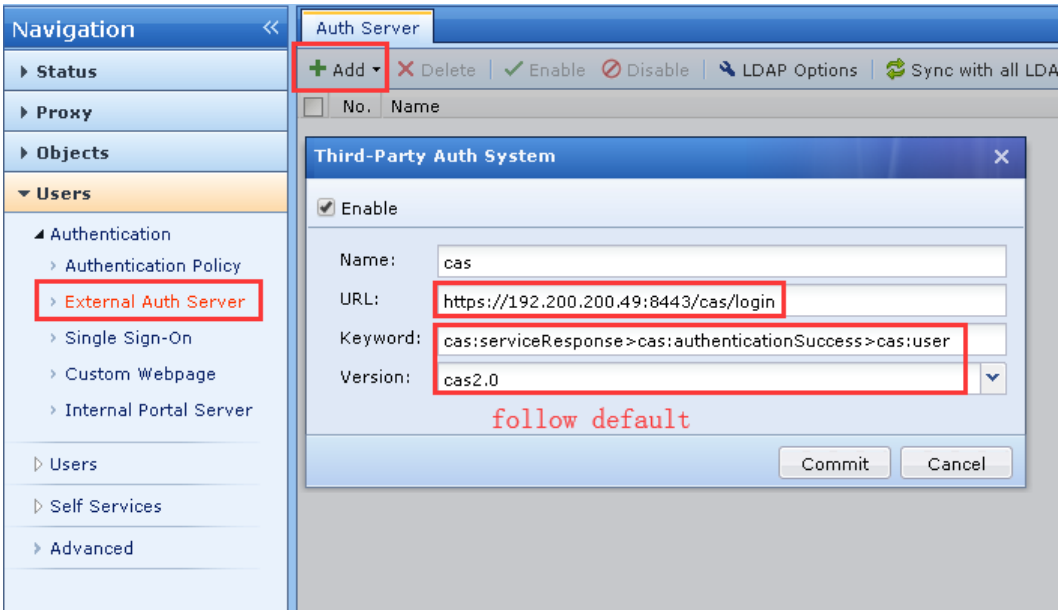
5.1 Testing environment and topology

The deployment mode for this testing environment is Route mode.



5.2 External authentication server configuration

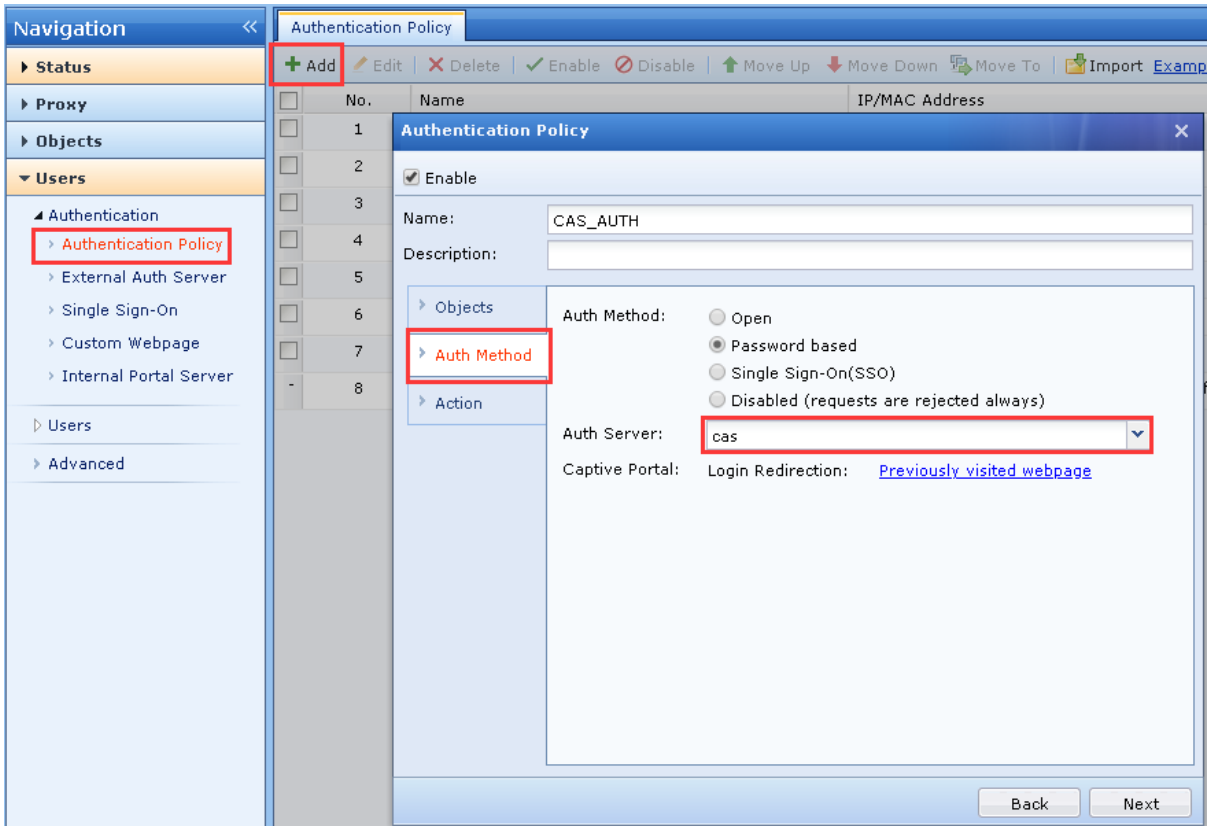
Configure an External Authentication Server follow with the diagram below. Fill in the [URL] with CAS server authentication link, and [Keyword] and [Version] will follow the default value.



Note: Check version can choose cas2.0 or cas3.0. CAS server with V4.0.0 and previous version will used cas2.0 protocol, else will used cas3.0 protocol.

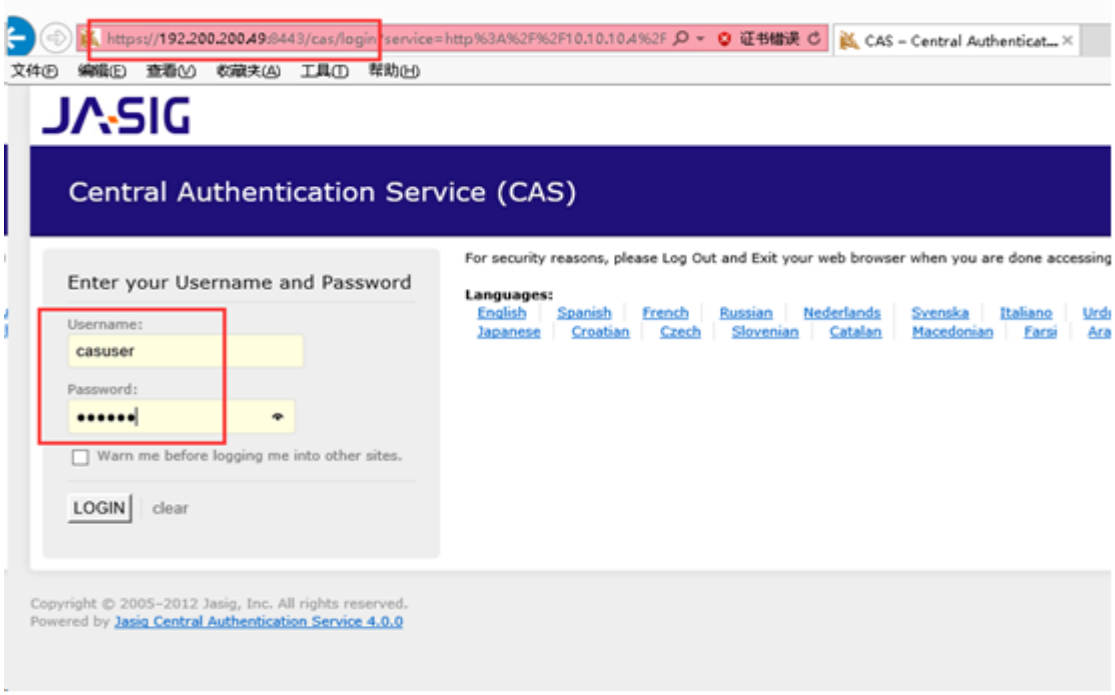
5.3 Authentication policy configuration

For the authentication policy, ensure that understand the authenticate object before configure the policy, select [Password based] as the authentication method, the [Auth Server] select the CAS server that created previously.



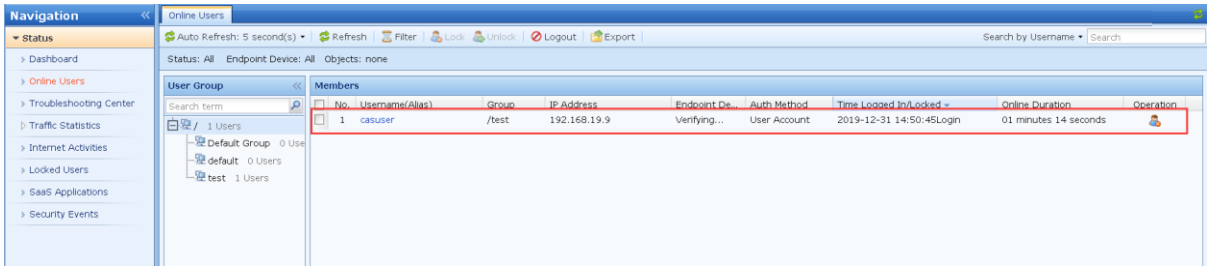
5.4 Testing result

By using an internal PC start internet browsing to redirect to CAS authentication page, insert username and password with result login successful.



Note: CAS username and password is generally defined in deploterConfigContext.xml file in the CAS installation directory, the user account usually defined by the customer, you may ask for a testing account from the Client.

As diagram below, we able to see the PC has login on IAM device.



6 Precaution

1. Route and bridge deployment mode support CAS authentication.
2. If the client's environment CAS server is locate at external network of IAM, then the testing we need to add the CAS server address to global exclusion list, otherwise will not redirect to the CAS authentication page.

SANGFOR