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# Enabling H.323 Clear Text Authentication on an ATA Registered with Gatekeeper

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## Introduction

### Before You Begin

Conventions

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### Configuring H.323 ID for Registration

Enabling H.323 ID Registration Method

### Configuring the Cisco IOS Gatekeeper

Cisco IOS Gatekeeper Configuration Example

Verifying the ATA has Registered Correctly

### Related Information

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## Introduction

This document describes how to configure an Analog Telephone Adapter (ATA) to use H.323 clear text authentication when registering with an H.323 Gatekeeper.

## Before You Begin

### Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

### Prerequisites

Readers of this document should be knowledgeable of the following:

- Basic ATA operations such as use of the interactive voice response (IVR) and web browser interface for configuration.
- Basic H.323 concepts.

### Components Used

This document is not restricted to specific software and hardware versions.

## Configuring H.323 ID for Registration

Using the ATA web browser configuration interface, edit the UseLoginID, LoginID0, and LoginID1 fields. The simplest method to use is the H.323 password separator =, whereby the ID entered is composed of the H.323 ID and the password in the LoginID field. For example, *komodo=123* is interpreted by the appropriately configured gatekeeper as *H.323 ID komodo* and H.323 authentication password *123*.

## Enabling H.323 ID Registration Method

The following example ATA configuration shows for ports 1 and 2, respectively:

- E.164 addresses of 1002 and 1003.
- H.323 IDs of komp1 and komp2.
- H.323 passwords of 333 and 444.

ATA186 web interface fields:

```
UID0: 1002
UID1: 1003
UseLoginID: 1
LoginID0: komp1=333
LoginID1: komp2=444
```

The following is an example of web browser screen output:

UID0:	1002	PWD0:	0
UID1:	1003	PWD1:	0
GkOrProxy:	192.168.1.99	Gateway:	0.0.0.0
GateWay2:	0.0.0.0	UseLoginID:	1
LoginID0:	komp1=333	LoginID1:	komp2=444

**Note:** Remember to save the configuration and re-register with the gatekeeper.

## Configuring the Cisco IOS Gatekeeper

In the Cisco IOS® Gatekeeper configuration, H.323 security should be enabled. Enabling H.323 security is a prerequisite to enabling the use of the password separator "=" on the gatekeeper. Each H.323 ID/password pair also requires a username/password pair configured in the global parameters of the gatekeeper.

### Cisco IOS Gatekeeper Configuration Example

Below is an example of the configuration required on the Cisco IOS gatekeeper to enable the ATA configured as above to register with it.

**Note:** Only the configuration relevant to the tech note is shown.

```
hostname KomodoGK
!
username komp1 password 0 333
username komp2 password 0 444
!
gatekeeper
zone local KomodoGK cisco.com 192.168.1.99
zone prefix KomodoGK 1*
zone prefix KomodoGK 2*
security h323-id
security password separator =
no shutdown
!
```

## Verifying the ATA has Registered Correctly

To confirm that the ATA has registered with the gatekeeper using the H.323 IDs, use the following Cisco IOS command on the gatekeeper:

```
KomodoGK#show gatekeeper endpoints
```

```
GATEKEEPER ENDPOINT REGISTRATION
=====
CallSignalAddr  Port  RASSignalAddr  Port  Zone Name  Type  F
-----
192.168.1.1     1721  192.168.1.1    1739  KomodoGK   TERM
              E164-ID: 1003
              H323-ID: komp2
192.168.1.1     1720  192.168.1.1    1719  KomodoGK   TERM
              E164-ID: 1002
              H323-ID: komp1
```

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## Related Information

- [Cisco ATA 186 FAQ and Common Issues](#)
- [Configuring and Troubleshooting an ATA 186 with Cisco IOS Gatekeepers](#)
- [Cisco H.323 Gateway Security and Accounting Enhancements](#)
- [Configuring H.323 Gatekeepers and Proxies](#)
- [Voice Technologies](#)
- [Voice, Telephony and Messaging Devices](#)
- [Voice Software](#)
- [Voice, Telephony and Messaging TAC eLearning Solutions](#)
- [Recommended Reading: Troubleshooting Cisco IP Telephony](#)
- [Technical Support – Cisco Systems](#)

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