

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

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## Introduction

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

## Prerequisites

### Requirements

Readers of this document should have knowledge of these topics:

- 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.

### Conventions

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

## Configure H.323 ID for Registration

With the use of 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 you enter 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*.

## Enable H.323 ID Registration Method

This ATA configuration example shows the log-in credentials for ports 1 and 2, respectively:

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

ATA186 web interface fields:

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

This 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.

## Configure the Cisco IOS Gatekeeper

In the Cisco IOS® Gatekeeper configuration, you need to enable H.323 security. Enabling H.323 security is a prerequisite to enable 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

This is an example of the configuration required on the Cisco IOS gatekeeper in order to enable the ATA you have already configured to register with it.

**Note:** Only the configuration relevant to this document 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
!
```

## Verify the ATA Registers Correctly

In order to confirm that the ATA registers with the gatekeeper with the use of the H.323 IDs, use this 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
```

**Note:** The ATA 186 registers as an H.323 terminal (TERM) and not as an H.323 gateway. This is done deliberately so that only the calls intended for the ATA 186 are sent to it.

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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](#)
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