



Asterisk Logfile Settings

User Guide

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Asterisk Logfile Settings

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Overview

The Asterisk Logfile Settings module allows you to setup what events should be logged and what file they should be logged to. All log files are stored in /var/log/asterisk on your PBX and you can use the Asterisk Logfile module to view your log files from within the GUI.

Logging In

- Log into the Asterisk Logfile Settings module and you should see a screen like this.

Log File Settings

General Settings

Date Format [?]

Log rotation [?] Sequential **Rotate** Timestamp

Append Hostname [?] Yes **No**

Log Queues [?] Yes **No**

Log Files

File Name [?]	Debug [?]	DTMF [?]	Error [?]	Fax [?]	Notice [?]	Verbose [?]	Warning [?]	Delete
full	On	Off	On	On	On	On	On	
console	On	On	On	On	On	On	On	
dtmf	Off	On	Off	Off	Off	Off	Off	
file path/name	On	Off	On	Off	On	On	On	

Save

Log File Settings

General Settings

- Date Format**- This should never be changed from the default of %F %T or it will break the intrusion detection scanning of your log files for brute force login attempts.

Date Format [?]

- Log Rotation**- You can pick from the following options on how you want the logs rotated. Your system is setup to rotate logs nightly. We recommend setting this to the **Rotate**.

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- **Sequential**- Rename archived logs in order, such that the newest has the highest sequence number.
- **Rotate**- Rotate all the old files, such that the oldest has the highest sequence number (expected behavior for Unix administrators).
- **Timestamp**- Rename the log files using a timestamp instead of a sequence number when "logger rotate" is executed.

Log rotation[?]

Sequential

Rotate

Timestamp

- **Append Hostname**- Do you want to append the hostname of the PBX to the log file entries. We recommend setting this to **No** to reduce the log file lines. Someone might want this set if they had a central logging server that the whole system logged to; that way you would know where each entry was coming from.

Append Hostname[?]

Yes

No

- **Log Queues**- This is whether you want all the queue data logged to a queue log file. If you are using any type of queue reporting software, you will need this set to **Yes** or you won't have any queue logs to report on. We recommend leaving this to **Yes**, which is the default.

Log Queues[?]

Yes

No

• Log Files





- Here is where you can define log file names that you want created and what events should be logged. For each log file you create, you can pick from the following options of what should be logged.
 - **Debug**- Messages used for debugging. Do not report these as errors unless you have a specific issue that you are attempting to debug. Also note that debug messages are also very verbose and can and do fill up log files (and disk storage) quickly.
 - **DTMF**- Key presses as understood by Asterisk. Useful for debugging IVR and VM issues.
 - **Error**- Possible issues with dialplan syntax or call flow, but not critical.
 - **Fax**- Transmitting and receiving of faxes.
 - **Notice**- Messages of specific actions, such as a phone registration or call completion.
 - **Verbose**- Step-by-step messages of a call flow. Always enable and review if calls don't flow as expected.
 - **Warning**- Critical errors and issues.

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- We have, by default, setup a **full** and **dtmf** log files with what we feel should be logged. You can change this if you would like, but we recommend creating your own log entry if you want to log things that we aren't logging by default.

Log Files

File Name?	Debug?	DTMF?	Error?	Fax?	Notice?	Verbose?	Warning?	Delete
full	On ▾	Off ▾	On ▾	On ▾	On ▾	On ▾	On ▾	
console	On ▾	On ▾	On ▾	On ▾	On ▾	On ▾	On ▾	
dtmf	Off ▾	On ▾	Off ▾	Off ▾	Off ▾	Off ▾	Off ▾	
file path/name	On ▾	Off ▾	On ▾	Off ▾	On ▾	On ▾	On ▾	



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