



# A brief introduction to smf vah test tool

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# Agenda

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- Brief
- Usage
- Discussion



## Brief

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- This tool can be used for simulating sending out the request and receiving the response with VAH.
- It supports OCI commands that are defined ('exportjournalfile', 'ricmangle', load, unload, activate, deactivate, etc)



# Brief Manual

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- Firstly to get SMF deployed in a testbed(use 'net start smf' to start smf, please be aware that there might be memory leak in smf as some colleagues mentioned, so please shutdown smf while long time disuse it), get SmfRequester.exe and SmfRespondent.exe deployed in a testbed(this machine can be different from the machine deployed with SMF).
- Then to execute SmfRespondent.exe, compatriots can use 'VAH' to take instead of SmfRespondent.exe while going on test.
- Finally SmfRequester.exe.



# Execute Params

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- 1.SmfRequester.exe [SMFHostLocation] [SMFConnectionPort]  
[XmlProtoFilePath] [XmlProtoFile] [XmlRespFile]  
[RespFileGenMode] [timeout]
- (e.x.SmfRequester.exe 10.35.1.1 8603 ../commandsfile RicMangleCommand.xml  
RespFromServer.xml append/replace)
- **[XmlProtoFilePath]:** xml commands file path, i.e. ../commandsfile
- **[XmlProtoFile]:** i.e. the xml files under “../commandsfile”, the content will be sent out
- **[XmlRespFile]:** this file saved response from server peer
- **[RespFileGenMode]:** append or replace, i.e. to append the response file or replace it.
  
- 2.SmfRespondent.exe [SMFHostLocation] [SMFConnectionPort]  
[LogFile]
- (e.x.SmfRespondent.exe 127.0.0.1 8603 logfiletemp)



# Log files usage

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- You might find the log in access\_log and error\_log separately:
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- access\_log usage: for example,
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- **access\_log\_110826\_110034:** (generated on 11/08/26 11:00:34)
- =====
- ACCESS\_LOG BEGIN
- =====
- Request was sent.Current DateTime = 08/26/11 11:00:37
- Response from Server was received.Current DateTime = 08/26/11 11:00:37

# Log files usage

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- error\_log usage: for example,
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- **error\_log\_\_110826\_113209:** (kinds of error will be recorded, e.x. the log below means the xmlfile user specified doesn't exist)
- =====
- ERROR\_LOG BEGIN
- =====
- Failed to load file!
- Application will terminate NOW!



# The structure of tool package:

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- ./requester:
  - SmfRequester.exe TinyXml.dll
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- ./respondent:
  - SmfRespondent.exe TinyXml.dll
  -
- ./commandsfile:
  - ActivateCommand.xml      LoadCommand.xml      UnloadCommand.xml
  - DeactivateCommand.xml      ResponseCommand.xml
  - ExportJournalfileCommand.xml RicMangleCommand.xml , etc





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Thank you!!

