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u3s committed on Aug 27, 2025 Verified

ssh: verify file handle size limit for client data
- reject handles exceeding 256 bytes (as specified for SFTP)

master · OTP-29.0-rc3 ··· OTP-26.2.5.15

1 parent [c1ce39f](#) commit f09e020

1 file changed +11

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- lib/ssh/src
 - ssh_sftpd.erl

Search within code

lib/ssh/src/ssh_sftpd.erl

```

@@ -222,6 +222,17 @@ handle_data(Type, ChannelId, Data0, State =
#state{pending = Pending}) ->
222     handle_data(Type, ChannelId, Data, State#state{pending = <<>>})
223     end.
224
225 + %% From draft-ietf-secsh-filexfer-02 "The file handle strings MUST NOT be
    longer than 256 bytes."
226 + handle_op(Request, ReqId, <<?UINT32(HLen), _/binary>>, State = #state{xf = XF})
227 +   when (Request == ?SSH_FXP_CLOSE orelse
228 +         Request == ?SSH_FXP_FSETSTAT orelse
229 +         Request == ?SSH_FXP_FSTAT orelse

```

```
230 + Request == ?SSH_FXP_READ orelse
231 + Request == ?SSH_FXP_READDIR orelse
232 + Request == ?SSH_FXP_WRITE),
233 + HLen > 256 ->
234 + ssh_xfer:xf_send_status(XF, ReqId, ?SSH_FX_INVALID_HANDLE, "Invalid
    handle"),
235 + State;
225 236 handle_op(?SSH_FXP_INIT, Version, B, State) when is_binary(B) ->
226 237     XF = State#state.xf,
227 238     Vsn = lists:min([XF#ssh_xfer.vsn, Version]),
```



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