LOGIN VIA HTTP "GET" NOW DEPRECATED — Release 56.00

This bulletin provides information that may impact the ability of Partner Systems to authenticate with Verifone Commander systems starting with release 56.00.

The Verifone Commander system provides access to partner systems for configuration, reporting, and transaction detail via HTTP requests (URLs) using "https", as defined by IETF RFC 7231.

Change for Release 56.00

The security community has raised concerns over sensitive information such as usernames and passwords being included in HTTP URLs. Therefore, starting with release 56.00, Verifone Commander will restrict use of usernames and passwords in login requests provided via the HTTP "GET" method. Partners should ensure that all HTTP requests that contain username/password information use the HTTP "POST" method.

With release 56.00, using the HTTP "GET" method with usernames and passwords will be **deprecated** — i.e., usage will still be permitted but a warning message will be produced to the customer's remote security (SEIM) log server. For example:

```
Deprecated HTTP GET method request! Future versions require HTTP POST for
'validate' command (remoteIP = 192.168.31.245)
```

Future Releases

After release 56.00, future releases will return an error whenever the HTTP "GET" method is used with usernames and passwords and login will not be permitted.

Recommended Action

Going forward, it is recommended that all requests* (except as noted) to Verifone Commander use the HTTP "POST" method. When POST is used, all parameters ("cmd," "user," "passwd," "otp," "cookie," etc.) must be sent in the body of the HTTP request.

NOTE   Currently, POST cannot be used with these four PDK commands: vtransset, vtranssetz, vmwslog, and veventhistory.