3 PSK problems

PSK contains an odd number of hex-digits

Proxy or agent does not start, message in the proxy or agent log:

```
invalid PSK in file "/home/zabbix/zabbix_proxy.psk"
```

PSK identity string longer than 128 bytes is passed to GnuTLS

In TLS client side log:

```
gnutls_handshake() failed: -110 The TLS connection was non-properly
terminated.
```

In TLS server side log.

```
gnutls_handshake() failed: -90 The SRP username supplied is illegal.
```

PSK longer than 32 bytes is passed to mbed TLS (PolarSSL)

In any Zabbix log:

```
ssl_set_psk(): SSL - Bad input parameters to function
```

Same PSK identity but different PSK values used by communicating components (example with OpenSSL)

In connecting-side log:

```
...[connect] TCP successful, cannot establish TLS to [[xx.xx.xx.xx]:xxx]:
SSL_connect() returned SSL_ERROR_SSL: file s3_pkt.c line 1472:
error:140943FC:SSL routines:ssl3_read_bytes:sslv3 alert bad record mac: SSL
alert number 20: TLS read fatal alert "bad record mac"
```

In accepting-side log:

```
...failed to accept an incoming connection: from xx.xx.xx.xx: TLS handshake
returned error code 1: file s3_pkt.c line 532: error:1408F119:SSL
routines:SSL3_GET_RECORD:decryption failed or bad record mac: TLS write
fatal alert "bad record mac"
```

Too long PSK value used with OpenSSL 1.1.1

In connecting-side log:

```
...OpenSSL library (version OpenSSL 1.1.1  11 Sep 2018) initialized
...
...In zbx_tls_connect(): psk_identity:"PSK 1"
...zbx_psk_client_cb() requested PSK identity "PSK 1"
...End of zbx_tls_connect():FAIL error:'SSL_connect() set result code to
SSL_ERROR_SSL: file ssl\statem\extensions_clnt.c line 801:
error:14212044:SSL routines:tls_construct_ctos_early_data:internal error:
TLS write fatal alert "internal error"'
```

In accepting-side log:

```
...Message from 123.123.123.123 is missing header. Message ignored.
```

See also: Value size limits