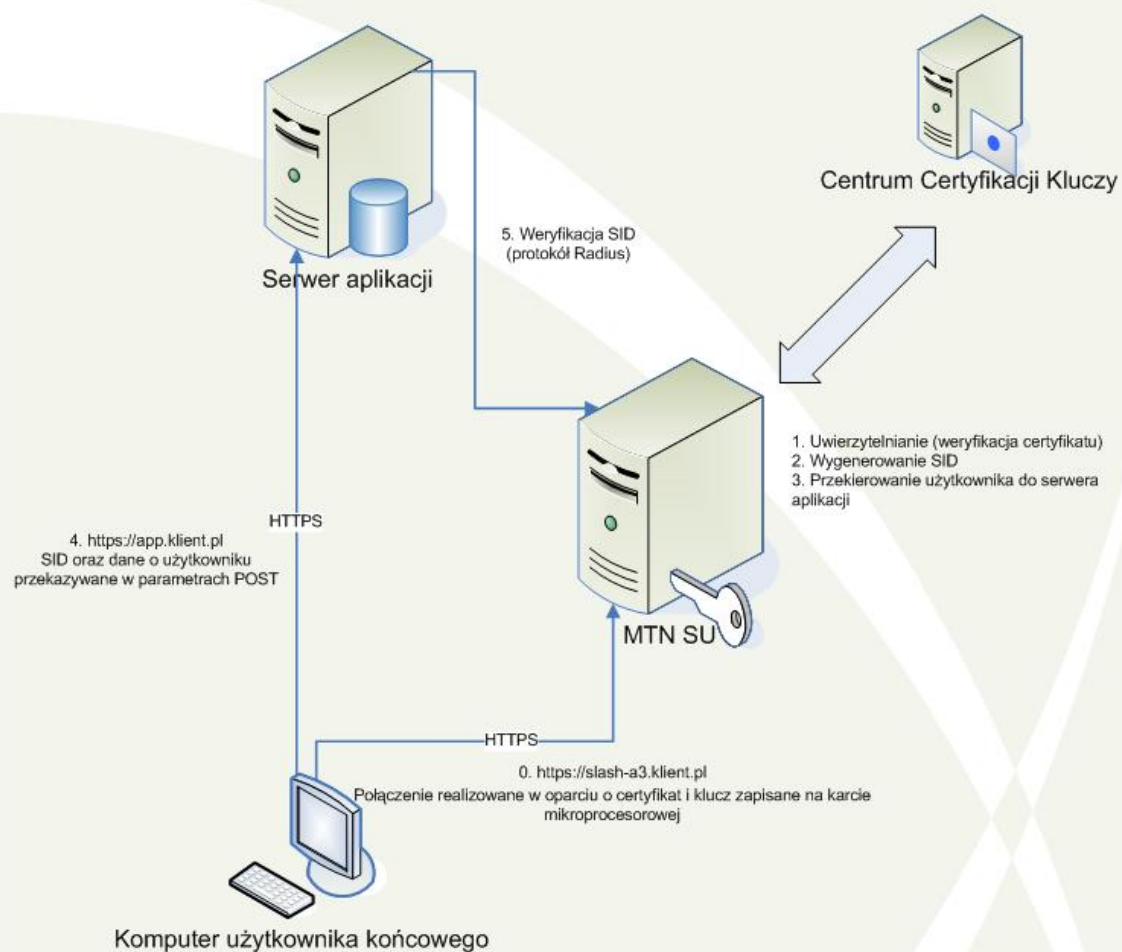


The Slash-A3 Authentication Server

Slash-A3 is a flexible, modular authentication services server, allowing for the service of numerous protocols ó including Radius and SSL/TLS. Thanks to the possibility of combining modules, Slash-A3 allows for the transfer of tasks, which can not be processed locally, to other servers. Thanks to an integrated HTTP/HTTPS server and the use of Lua script, Slash-A3 allows for the creation of interactive Internet websites supporting the authentication process through the use of certificates. Software in the configuration offered will allow for the Proxy Radius function.

In particular Slash-A3 allows for the following:

- 1) Generating passports (unique identifiers) and presenting them in the form of an Internet website available via HTTPS protocol after previous verification of the client's certificate. The look of the website and method of generating the passport can be configured (website templates and Lua script language),
- 2) Storing the passports in a relational database together with other information about the user (such as certificate fields, connection time, browser used, IP address),
- 3) Limiting the period of validity for the passports (with an accuracy of up to single seconds) and the number of their uses,
- 4) Processing inquiries about the passports via a Radius protocol in compliance with RFC2865,
- 5) Flexible mapping between Radius attributes and data stored in the passport database (through the use of translation principles in XML),
- 6) Passing on Radius inquiries to another Radius server predefined in the configuration in situations where the passport database does not contain an appropriate entry,
- 7) Providing service to both local and remote users ó their authorisation and authentication in accessing systems and central applications, through the use of certificates,
- 8) Slash-A3 operates under the control of the Linux system.



Schemat uwierzytelniania użytkowników aplikacji webowych w oparciu o Slash-A3