

During message composition, a user may also attach data files (*e.g.*, images, audio files, video files, *etc.*) to a message, but such files are not saved in a webclient during message composition and are not sent to a mail server until the user sends the message or manually saves a draft of the message. Upon a failure of connectivity to the HTTP server servicing the webclient during message composition, the attachment data may be lost.

SUMMARY

[0004a] According to a first aspect of the present invention, there is provided a system, comprising: a memory comprising instructions; and a processor coupled to the memory, wherein the processor, when executing the instructions, effectuates operations comprising: receiving a request to access a server from a webclient; establishing a persistent connection with the server; receiving a notification associated with the webclient from the server; storing the notification; and transmitting the notification to the webclient in response to a subsequent communication received from the webclient.

[0004b] According to a second aspect of the present invention, there is provided a computer-implemented method comprising: receiving, at a hypertext transfer protocol (HTTP) server from a webclient, a request to access a server; determining, by the HTTP server querying a database, that a notification associated with the webclient has been stored by a second HTTP server; retrieving the notification by the HTTP server; and transmitting the notification to the webclient.

[0004c] According to a third aspect of the present invention, there is provided a non-transitory computer-readable storage medium comprising computer-executable instructions, which when executed by a processor, cause a processor to effectuate operations comprising: receiving a request to access a server from a webclient; establishing a persistent connection with the server; receiving a notification associated with the webclient from the server; storing the notification; and transmitting the notification to the webclient in response to a subsequent communication received from the webclient.

BRIEF DESCRIPTION OF DRAWINGS

[0001] Throughout the drawings, reference numbers may be re-used to indicate correspondence between referenced elements. The drawings are provided to illustrate example embodiments described herein and are not intended to limit the scope of the disclosure.

[0002] FIG. 1 illustrates an example environment in which embodiments of the invention may be implemented;

[0003] FIG. 2 illustrates another example environment in which embodiments of the invention may be implemented;

[0004] FIG. 3 depicts example operating procedures for an HTTP server according to embodiments;

[0005] FIG. 4 depicts example operating procedures for an HTTP server according to embodiments;

[0006] FIG. 5 depicts example operating procedures for an HTTP server according to embodiments;

[0007] FIG. 6 depicts example operating procedures for an HTTP server according to embodiments;

[0008] FIG. 7 depicts an example signal flow according to embodiments;

[0009] FIG. 8 depicts an example of a suitable computing environment in which embodiments described herein may be implemented;

[0010] FIG. 9 depicts a computing system diagram that illustrates one configuration for datacenter that implements computing services platform; and

[0011] FIG. 10 depicts an example computer architecture for a computer capable of executing the above-described software components.