

# CreateProcessAsUser "loses" privileges, why?

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Hello everyone,

I have a service (running in SYSTEM) that impersonates a client at a server end of a named pipe. The client is a local administrator and has the SE\_DEBUG\_NAME privilege granted. If I duplicate the impersonation token in the service to make it a primary token and use it to create a new process using CreateProcessAsUser, the SE\_DEBUG\_NAME privilege is gone, i.e. I cannot even enable it anymore. Why is that? What can I do to create a process with CPAU from the service running as the impersonated user with the full set of privileges that the client has? Note that this is not a restricted token that I create, it is just a primary token created from an impersonation token, everything happens on the same machine.

I can successfully enable the SE\_DEBUG\_NAME privilege within the service using the primary token but somehow the process started via CPAU doesn't get it and cannot enable it either.

Any help appreciated,

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