
Starting multiple pc_servers automatically

- **Article Type:** Q&A
 - **Product:** Aleph
 - **Product Version:** 20, 21, 22, 23
 - **Relevant for Installation Type:** Dedicated-Direct; Direct; Local;
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Question

How can multiple pc_servers (such as, 6991, 6992, and 6993) be started automatically by aleph_startup?

Answer

By default just a single pc_server is started in aleph_start:

```
setenv PC_SERVER_PORT 699${ALEPH_SUB_PORT}
```

To start multiple pc_servers, add the following lines to aleph_start.private:

```
setenv PC_START_HOST "6991 6992 6993 6994 6995 6996 6997 6998"  
setenv PC_START_HOST "$PC_START_HOST 6999"
```

[Note: This second line is necessary only if there are more than 8 pc_servers to be started.]

And change \$alephe_root/aleph_startup as shown below:

```
if (! $?PC_START_HOST) then  
    echo "starting pc_server... "  
    csh -f $aleph_proc/pc_server $l_pc_server_port >& /dev/null &  
    echo " "  
else  
    foreach thishost ($PC_START_HOST)  
        echo "starting pc_server... " $thishost  
        csh -f $aleph_proc/pc_server $thishost >& /dev/null &  
        echo " "  
    end  
endif
```

Category: System management

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