



### Exercise 1

Run a PowerShell as administrator.

- a. Research information about Cmdlet *Invoke-WebRequest*. Which Unix-command line tools are replicated by it?
- b. Execute web requests for the https-domains [www.google.de](https://www.google.de) and [www.cisco.com](https://www.cisco.com). Group the results by their http status code. Make sure the elements themselves are not displayed.



### Exercise 2

Use Cmdlet *Send-MailMessage*, to send a mail via PowerShell<sup>1</sup>. Also try to send an attachment and use the transport encryption offered by the mail server.



### Exercise 3

Use *Invoke-WebRequest* to download the current release of PowerShell from the official github repo.

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<sup>1</sup> For more information see the blog post: <https://mailtrap.io/blog/powershell-send-email/>