

Middleware – Cloud Computing

Verwaltung großer Datenmengen (Zusatz)

Welche der Konstellationen sind im Google File System möglich?

Wintersemester 2022/23

Tobias Distler

Friedrich-Alexander-Universität Erlangen-Nürnberg
Lehrstuhl Informatik 4 (Verteilte Systeme und Betriebssysteme)



Lehrstuhl für Verteilte Systeme
und Betriebssysteme

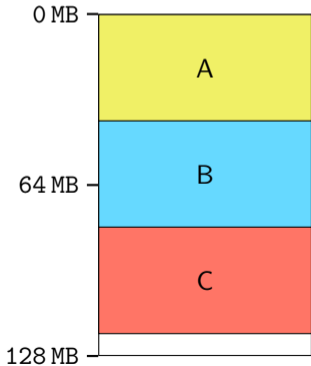


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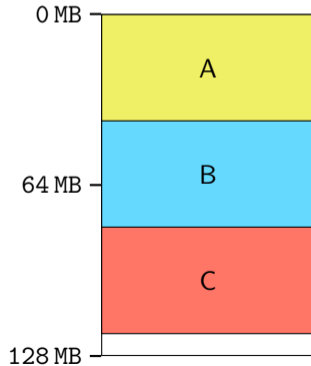
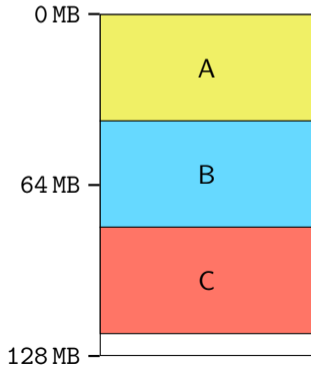
TECHNISCHE FAKULTÄT

Client-Anwendung 1

- WRITE **A** 40 MB at offset 0 MB
- WRITE **B** 40 MB at offset 40 MB
- WRITE **C** 40 MB at offset 80 MB

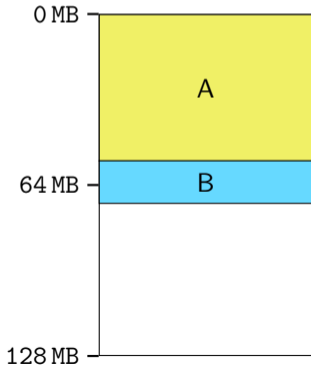
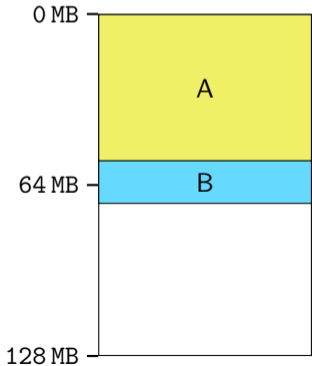


Client-Anwendung 2

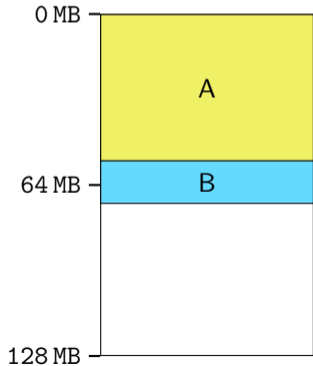


Client-Anwendung 1

WRITE A 55 MB at offset 0 MB
APPEND B 16 MB

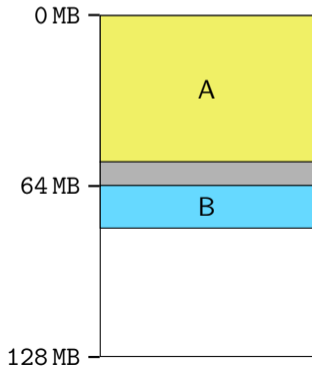
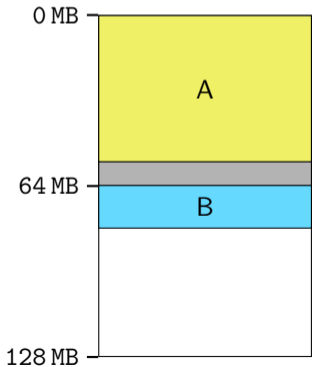


Client-Anwendung 2

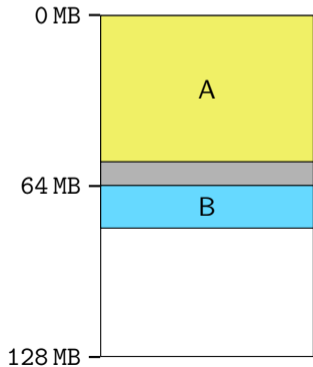


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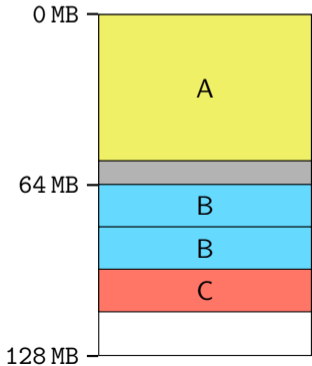


Client-Anwendung 2

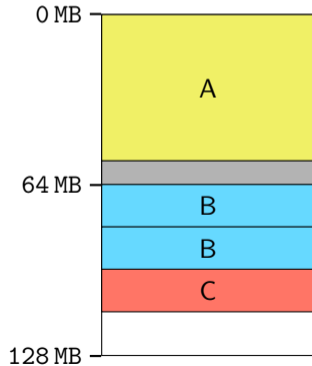
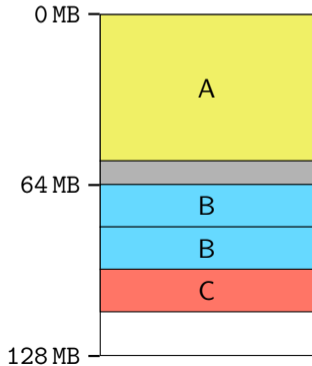


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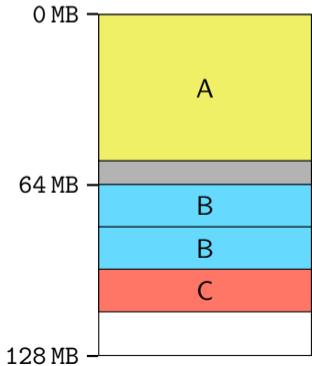


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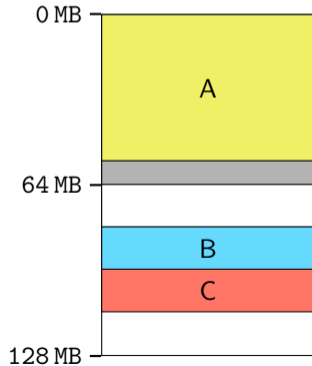
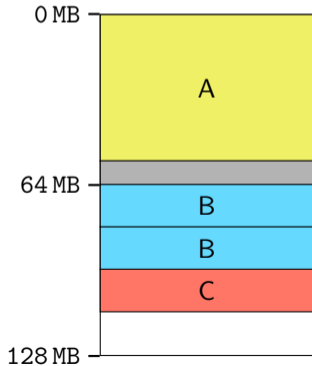


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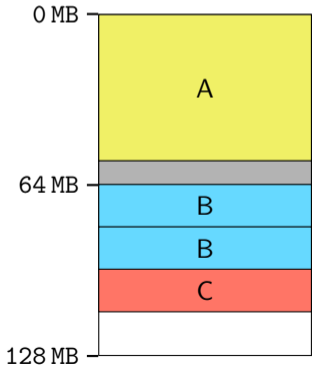


Client-Anwendung 2

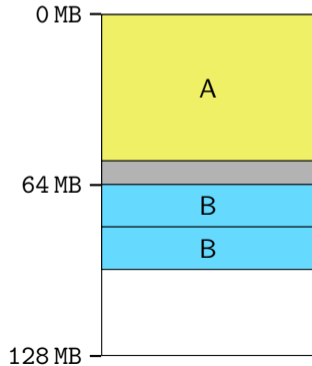
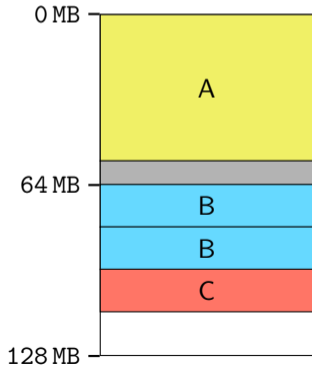


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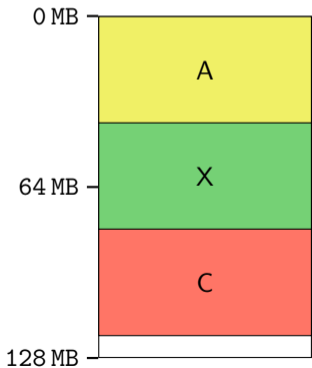


Client-Anwendung 2



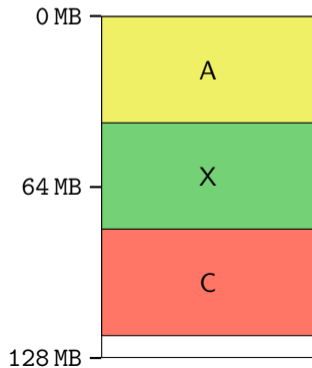
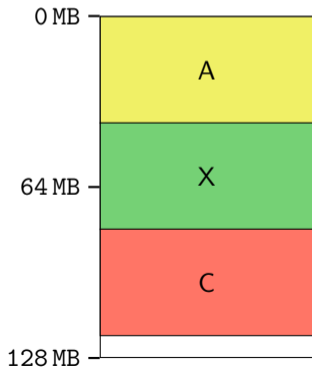
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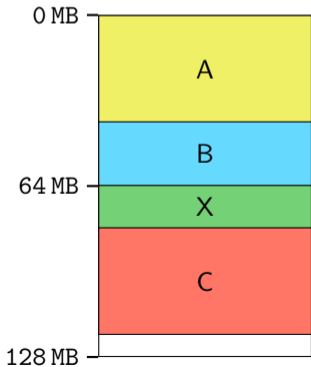
Client-Anwendung 2

- WRITE **X** 40 MB at offset 40 MB



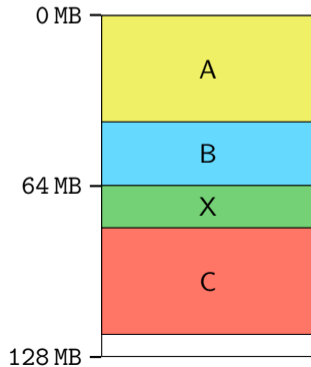
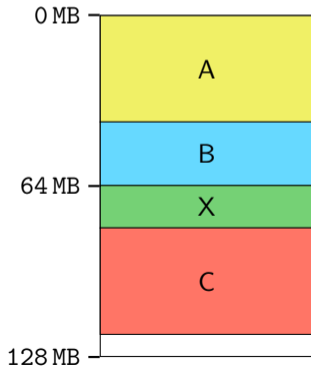
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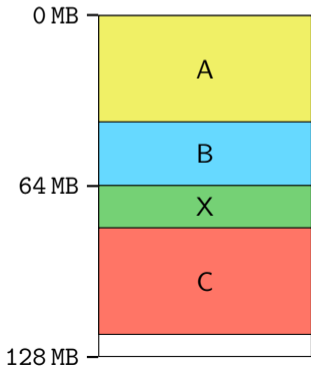
Client-Anwendung 2

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Client-Anwendung 2

- WRITE **X** 40 MB at offset 40 MB

