

Discover Financial Services  
 Form 424B2  
 August 15, 2016

The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement and the accompanying prospectus supplement and prospectus are not offers to sell these securities and are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to completion

Preliminary Pricing Supplement dated August 15, 2016

Filed under Rule 424(b)(2), Registration Statement No. 333-205280

Preliminary Pricing Supplement No. 22 - Dated Monday, August 15, 2016 (to: Prospectus dated June 26, 2015 and Prospectus Supplement Dated: September 8, 2015)

Selling Price	Gross Concession	Net Proceeds	Coupon Type	Coupon Rate	Coupon Frequency	Day Count Basis	Maturity Date	1st Coupon Date	1st Coupon Amount	Survivor Option	s	FI Guar
100.00 %	1.800 %	\$	Fixed	3.250 %	Semi-Annual	30/360	08/15/2026	2/15/2017	\$15.35	Yes		M

**Callable in whole or in part, at any time on or after 5/15/2026.**

Discover Financial Services may, at its option, at any time on or after 05/15/2026, redeem these Discover Financial Services InterNotes in whole or in part, at the holder's option, with 30 days prior notice delivered to the holders of these Discover Financial Services InterNotes. These Discover Financial Services InterNotes will be redeemed at 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest. If fewer than all of these Discover Financial Services InterNotes are to be redeemed, the Trustee will select the Notes for redemption on a pro rata basis, by lot or by such other method in accordance with the DTC's customary procedures. These Discover Financial Services InterNotes will be redeemed in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof. If these Discover Financial Services InterNotes are not redeemed in full, the notice of redemption will state the portion to be redeemed. Unless Discover Financial Services defaults in payment of the redemption price, interest will cease to accrue on these Discover Financial Services InterNotes or the portions of these Discover Financial Services InterNotes not redeemed in full.

Trade Date: Monday, August 22, 2016 @ 12:00 PM ET  
 Settlement Date: Thursday, August 25, 2016

Discover Financial Services

Discover Financial Services InterNotes

Minimum Denomination/Increments: \$1,000.00/\$1,000.00

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Initial trades settle flat and clear  
SDFS: DTC Book Entry only

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Lead Manager: Incapital LLC

Agents: BofA Merrill Lynch,  
Citigroup , Morgan Stanley , RBC  
Capital Markets, Wells Fargo  
Advisors, LLC

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