
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

November 2017

Commission File Number: 001-37925

GDS Holdings Limited

(Registrant's name)

2/F, Tower 2, Youyou Century Place
428 South Yanggao Road
Pudong, Shanghai 200127
People's Republic of China

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K on paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K on paper as permitted by Regulation S-T Rule 101(b)(7):

EXHIBITS

Exhibit 99.1 — Press release - GDS Announces Extraordinary General Meeting of Shareholders

Exhibit 99.2 — Notice of Extraordinary General Meeting of Shareholders to be held on December 22, 2017

Exhibit 99.3 — Proxy Statement

Exhibit 99.4 — Proxy Card

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

GDS Holdings Limited

Date: November 22, 2017

By: /s/ William Wei Huang
Name: William Wei Huang
Title: Chief Executive Officer

Confidential

GDS Announces Extraordinary General Meeting of Shareholders

SHANGHAI, China, November 22, 2017 (GLOBE NEWSWIRE) — GDS Holdings Limited (“GDS Holdings”, “GDS” or the “Company”) (NASDAQ: GDS), a leading developer and operator of high-performance data centers in China, today announced that it has called an extraordinary general meeting of shareholders of the Company (the “EGM”) to be held at Company’s Shanghai Offices at 2/F, Building 2, You You Century Plaza, No. 428 Yanggao Road, Pudong, Shanghai, China at 9:30 AM local time on December 22, 2017 (8:30 PM U.S. Eastern Standard Time on December 21, 2017) for the following purposes:

To consider, and if thought fit, pass the following resolutions as Ordinary Resolutions:

1. that the Board of Directors of the Company be authorized to allot or issue, in the 12-month period from the date of the EGM, ordinary shares or other equity or equity-linked securities of the Company up to an aggregate twenty per cent. (20%) of its existing issued share capital of the Company at the date of the EGM, whether in a single transaction or a series of transactions (OTHER THAN any allotment or issues of shares on the exercise of any options that have been granted by the Company); and
2. that each of the directors and officers of the Company be authorized to take any and every action that might be necessary to effect the foregoing resolutions as such director or officer, in his or her absolute discretion, thinks fit.

Shareholders of record at the close of business on November 24, 2017 (local time) are entitled to receive notice of, and vote at, the EGM or at any adjournment that may take place. Beneficial owners of the Company’s American Depositary Shares (“ADSs”) who wish to exercise their voting rights for the underlying ordinary shares must act through JPMorgan Chase Bank, N.A., the depository of the Company’s ADS program.

Copies of the notice of the EGM, which sets forth the resolutions to be proposed and seek adoption from shareholders, the Proxy Statement and the Proxy Card are available on the Investor Relations section of the Company’s website at <http://investors.gds-services.com>.

About GDS Holdings Limited

GDS Holdings Limited (Nasdaq: GDS) is a leading developer and operator of high-performance data centers in China. The Company’s facilities are strategically located in China’s primary economic hubs where demand for high-performance data center services is concentrated. The Company’s data centers have large net floor area, high power capacity, density and efficiency, and multiple redundancy across all critical systems. GDS is carrier and cloud neutral, which enables customers to connect to all major PRC telecommunications carriers, and to access a number of the largest PRC cloud service providers, whom GDS hosts in its facilities. The Company offers colocation and managed services, including a unique and innovative managed cloud value proposition. The Company has a 16-year track record of service delivery, successfully fulfilling the requirements of some of the largest and most demanding customers for outsourced data center services in China. The Company’s base of customers consists predominantly of hyper-scale Cloud service providers, large Internet companies, financial institutions, telecommunications and IT service providers, and large domestic private sector and multinational corporations.

Safe Harbor

This announcement contains forward-looking statements. These statements are made under the “safe harbor” provisions of the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as “aim,” “anticipate,” “believe,” “continue,” “estimate,” “expect,” “future,” “guidance,” “intend,” “is/are likely to,” “may,” “ongoing,” “plan,” “potential,” “target,” “will,” and similar statements. Among other things, statements that are not historical facts, including statements about GDS Holdings’ beliefs and expectations regarding the growth of its businesses and its revenue outlook, the business outlook and quotations from management in this announcement, as well as GDS Holdings’ strategic and operational plans, are or contain forward-looking statements. GDS Holdings may also make written or oral forward-looking statements in its periodic reports to the U.S. Securities and Exchange Commission (the “SEC”) on Forms 20-F and 6-K, in its annual report to shareholders, in press releases and other written materials and in oral statements made by its officers, directors or employees to third parties. Forward-looking statements involve inherent risks and uncertainties. A number of factors could cause GDS Holdings’ actual results or financial performance to differ materially from those contained in any forward-looking statement, including but not limited to the following: GDS Holdings’ goals and strategies; GDS Holdings’ future business development, financial condition and results of operations; the expected growth of the market for high-performance data centers, data center solutions and related services in China; GDS Holdings’ expectations regarding demand for and market acceptance of its high-performance data centers, data center solutions and related services; GDS Holdings’ expectations regarding building, strengthening and maintaining its relationships with new and existing customers; the continued adoption of cloud computing and cloud service providers in China; risks and uncertainties associated with increased investments in GDS Holdings’ business and new data center initiatives; risks and uncertainties associated with strategic acquisitions and investments; GDS Holdings’ ability to maintain or grow its revenue or business; fluctuations in GDS Holdings’ operating results; changes in laws, regulations and regulatory environment that affect GDS Holdings’ business operations; competition in GDS Holdings’ industry in China; security breaches; power outages; and fluctuations in general economic and business conditions in China and globally and assumptions underlying or related to any of the foregoing. Further information regarding these and other risks, uncertainties or factors is included in the GDS Holdings’ filings with the SEC, including its registration statement on Form F-1, as amended. All information provided in this press release is as of the date of this press release and are based on assumptions that GDS Holdings believes to be reasonable as of such date, and GDS Holdings does not undertake any obligation to update any forward-looking statement, except as required under applicable law.

For investor and media inquiries, please contact:

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GDS HOLDINGS LIMITED
NOTICE OF EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS
TO BE HELD ON DECEMBER 22, 2017

Dear Shareholders,

Notice is hereby given that GDS Holdings Limited, a Cayman Islands company (the “**Company**”), will hold an extraordinary general meeting of shareholders (the “**Meeting**”) at the Company’s Shanghai Offices at 2/F, Building 2, You You Century Plaza, No. 428 Yanggao Road, Pudong, Shanghai, China at 9:30 a.m., local time, on December 22, 2017 for the following purposes:

To consider and, if thought fit, pass the following resolutions as Ordinary Resolutions:

1. that the Board of Directors of the Company be authorized to allot or issue, in the 12-month period from the date of the Meeting, ordinary shares or other equity or equity-linked securities of the Company up to an aggregate twenty per cent. (20%) of its existing issued share capital of the Company at the date of the Meeting, whether in a single transaction or a series of transactions (OTHER THAN any allotment or issues of shares on the exercise of any options that have been granted by the Company); and
2. that each of the directors and officers of the Company be authorized to take any and every action that might be necessary to effect the foregoing resolutions as such director or officer, in his or her absolute discretion, thinks fit.

You can find more information about the agenda in the attached proxy statement.

The Board of Directors of the Company has fixed the close of business on November 24, 2017 as the record date (the “**Record Date**”) for determining the shareholders entitled to receive notice of and to vote at the Meeting or any adjourned or postponed meeting thereof. Accordingly, only shareholders registered in the register of members (the “**ROM**”) of the Company at the close of business on November 24, 2017 are entitled to attend and vote at this meeting or at any adjournment that may take place. The share register of the Company will not be closed. Holders of the Company’s American depository shares (“**ADS**”) who wish to exercise their voting rights for the underlying shares must act through JPMorgan Chase Bank, N.A., the depository of the Company’s ADS program.

We cordially invite all shareholders of the Company to attend the Meeting in person. However, a shareholder entitled to attend and vote is entitled to appoint a proxy to attend and, on a poll, vote instead of such shareholder. A proxy need not be a shareholder of the Company. Any representative of a corporate shareholder attending the Meeting would need to produce a letter / board resolutions showing the authorization to represent such shareholder to the Company.

Whether or not you propose to attend the Meeting in person, you are strongly advised to complete and return this form of proxy in accordance with these instructions. To be valid, this form must be completed and deposited (together with any power of attorney or other authority under which it is signed or a certified copy of that power or authority) to the attention of Cathy Zhang, Legal Counsel, GDS Holdings Limited, East Unit, South Tower, 5th Floor, 1st Building, No. 20, Lane 91, E Shan Road, Pudong, Shanghai 200127, P.R.C., +86-21-51186944, as soon as possible and in any event not later than 48 hours before the time for holding the Meeting or any adjourned meeting. Returning this completed form of proxy will not preclude you from attending the Meeting and voting in person if you so wish and in such event the proxy shall be deemed to be revoked.

The Notice of the Extraordinary General Meeting of Shareholders, the Proxy Card and the Proxy Statement are also available through our website at <http://investors.gds-services.com>.

By Order of the Board of Directors,

William Huang Wei
Chairman of the Board and
Chief Executive Officer



GDS HOLDINGS LIMITED

PROXY STATEMENT

General

Our board of directors is soliciting proxies for an extraordinary general meeting of shareholders (the “**Meeting**”) to be held at 9:30 a.m., local time, on December 22, 2017 or at any adjournment thereof. The Meeting will be held at Shanghai Offices of GDS Holdings Limited (the “**Company**”) at 2/F, Building 2, You You Century Plaza, No. 428 Yanggao Road, Pudong, Shanghai, China.

Revocability of Proxies

Any proxy given pursuant to this solicitation may be revoked by the person giving it at any time before its use by delivering a written notice of revocation or a duly executed proxy bearing a later date, or by attending the Meeting and voting in person. A written notice of revocation or a duly executed proxy bearing a later date must be delivered to the attention of the Company no later than 48 hours prior to the Meeting.

Record Date, Share Ownership, and Quorum

Shareholders of record at the close of business on November 24, 2017, local time, (the “**Record Date**”) are entitled to vote at the Meeting. As of November 22, 2017, 873,679,343 of our Class A ordinary shares and 67,590,336 of our Class B ordinary shares, par value US\$0.00005 per share, were issued and outstanding, among which 270,227,280 Class A ordinary shares were represented by ADSs held by JPMorgan Chase Bank, N.A. (“**JPMorgan**”). At any general meeting of the Company, two (2) Members entitled to vote and present in person or by proxy or, in the case of a Member being a corporation, by its duly authorized representative representing not less than one-third in nominal value of the total issued voting shares in the Company throughout the meeting shall form a quorum for all purposes.

Voting and Solicitation

For Proposals 1 and 2, each Class A ordinary share and Class B ordinary share in issue on the Record Date are entitled to one vote per share. At the Meeting every ordinary shareholder present in person or by proxy or, in the case of an ordinary shareholder being a corporation, by its duly authorized representative, may vote the fully paid ordinary shares held by such ordinary shareholder.

A resolution put to the vote of the Meeting shall be decided by way of a poll save that the chairman of the Meeting may in good faith, allow a resolution which relates purely to a procedural or administrative matter to be voted on by a show of hands in which case every Member present in person or by proxy, or in the case of a Member being a corporation, by its duly authorized representative, shall have one vote provided that where more than one proxy is appointed by a Member which is a clearing house (or its nominee(s)), each such proxy shall have one vote on a show of hands. The result of the poll shall be deemed to be the resolution of the Meeting.

The costs of soliciting proxies will be borne by us. Proxies may be solicited by certain of our directors, officers and regular employees, without additional compensation, in person or by telephone or electronic mail. Copies of solicitation materials will be furnished to banks, brokerage houses, fiduciaries, and custodians holding in their names our ordinary shares or ADSs beneficially owned by others to forward to those beneficial owners.

Voting by Holders of Ordinary Shares

When proxies are properly dated, executed, and returned by holders of ordinary shares, the ordinary shares they represent will be voted at the Meeting in accordance with the instructions of the shareholders. If no specific instructions are given by such holders, or in the case of broker’s non-votes, the ordinary shares will be voted at the discretion of the holder of such proxies. Abstentions by holders of ordinary shares are included in the determination of the number of ordinary shares present for the purpose of quorum but are not counted as votes for or against a proposal. Any representative of a corporate shareholder attending the Meeting would need to produce a letter / board resolutions showing the authorization to represent such shareholder to the Company.

Voting by Holders of American Depositary Shares

We have requested JPMorgan, as depositary of the ADSs, to deliver to all owners of ADSs an ADS Voting Instruction Card. Upon the written request of an owner of record of ADSs by a duly completed ADS voting instruction card, JPMorgan will endeavor, in so far as practicable, to vote or cause to be voted the amount of ordinary shares or other Deposited Securities represented by such ADSs, evidenced by American Depositary Receipts related to those ADSs, in accordance with the instructions set forth in such requests. Under the terms of the deposit agreement, JPMorgan has advised us that it will not vote or attempt to exercise the right to vote other than in accordance with such voting instructions or such deemed instructions as further described in the paragraph below. As the holder of record for all the Class A ordinary shares represented by the ADSs, only JPMorgan may vote those Class A ordinary shares at the Meeting.

JPMorgan and its agents have advised us that they are not responsible if they fail to carry out your voting instructions or for the manner in which they carry out your voting instructions. This means that if the ordinary shares underlying your ADSs are not able to be voted at the Meeting, there may be nothing you can do.

PROPOSAL 1

**AUTHORIZATION OF UP TO 20% SHARE ISSUANCE
FOR FUTURE POTENTIAL EQUITY OFFERINGS**

According to Article 102(4)(b) of the Company's Amended and Restated Memorandum of Association (the "**Articles**") coming into effective on November 7, 2016, notwithstanding anything to the contrary in the Articles, the Company and the Directors shall not, without the prior approval of the shareholders by ordinary resolution, with the Class B Ordinary Shares having only one vote per Class B Ordinary Share in respect of such resolution, take, approve, authorise, ratify, agree, commit to engage in or otherwise effect or consummate to allot or issue any shares or securities of the Company equal to ten per cent. (10%) or more of the existing issued share capital of the Company or of the votes attached to the existing issued share capital of the Company at the date of such allotment or issue in any 12-month period, whether in a single transaction or a series of transactions (OTHER THAN any allotment or issues of shares on the exercise of any options or warrants granted by the Company from time to time or any shares issued on the conversion by Ping An Insurance and by STT of the convertible and redeemable bonds due 2019 held by Ping An Insurance and STT respectively).

As a result of the share issuance in connection with the equity investment by CyrusOne into the Company, the Board's remaining mandate for the issuance of any securities of the Company is very limited. As the Company may consider various funding alternatives and opportunities including raising capital through the equity and debt markets, in order to retain the flexibility for future share issuance, the Board would like to obtain shareholders' approval at the Meeting for the authorization to the Board to approve the issuance of up to an aggregate twenty per cent. (20%) of the total issued share capital of the Company at the time of the Meeting in the 12-month period from the date of the Meeting.

The affirmative vote of a simple majority of the votes of the holders of ordinary shares present in person or by proxy or, in the case of an ordinary shareholder being a corporation, by its duly authorized representative and voting at the Meeting will be required to approve this proposal.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" PROPOSAL 1, AUTHORIZATION OF UP TO 20% SHARE ISSUANCE FOR FUTURE POTENTIAL EQUITY OFFERINGS

PROPOSAL 2

GENERAL AUTHORIZATION

The affirmative vote of a simple majority of the votes of the holders of ordinary shares present in person or by proxy or, in the case of an ordinary shareholder being a corporation, by its duly authorized representative and voting at the Meeting will be required to approve this proposal.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" PROPOSAL 2, THE AUTHORIZATION OF EACH OF THE DIRECTORS AND OFFICERS OF THE COMPANY TO TAKE ANY AND EVERY ACTION THAT MIGHT BE NECESSARY TO EFFECT THE FOREGOING RESOLUTIONS AS SUCH DIRECTOR OR OFFICER, IN HIS OR HER ABSOLUTE DISCRETION, THINKS FIT.

OTHER MATTERS

We know of no other matters to be submitted to the Meeting. If any other matters properly come before the Meeting, it is the intention of the persons named in the enclosed form of proxy to vote the shares they represent as the Board of Directors may recommend.

By Order of the Board of Directors,

William Wei Huang
Chairman of the Board and
Chief Executive Officer



GDS HOLDINGS LIMITED

PROXY CARD

THIS PROXY CARD IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS OF GDS HOLDINGS LIMITED FOR AN EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS TO BE HELD ON DECEMBER 22, 2017.

The undersigned, a holder of _____ Class A Ordinary Shares of GDS Holdings Limited, a Cayman Islands company (the “Company”), hereby acknowledges receipt of the notice of this extraordinary general meeting of shareholders of the Company (the “Meeting”) (the “Notice”) and proxy statement, and hereby appoints

(insert name) or failing him/her, Mr. William Wei Huang, the chairman and chief executive officer of the Company, with full power to each of substitution, on behalf and in the name of the undersigned, to represent the undersigned at the Meeting to be held at Company’s Shanghai Offices at 2/F, Building 2, You You Century Plaza, No. 428 Yanggao Road, Pudong, Shanghai, China at 9:30 a.m., local time, on December 22, 2017 and at any adjournment thereof, and to vote all the aforesaid Class A Ordinary shares which the undersigned would be entitled to vote if then and there personally present, on the matters set forth below (i) as specified by the undersigned below and (ii) in the discretion of any proxy upon such other business as may properly come before the Meeting, all as set forth in the Notice and in the proxy statement furnished herewith.

This proxy when properly executed will be voted in the manner directed herein by the undersigned shareholder. If no direction is made, this proxy will be voted at the discretion of the holder of the proxy “FOR” the following proposal:

Proposal 1: Authorization of the Board of Directors of the Company to approve allotment or issuance, in the 12-month period from the date of the Meeting, of ordinary shares or other equity or equity-linked securities of the Company up to an aggregate twenty per cent. (20%) of its existing issued share capital of the Company at the date of the Meeting, whether in a single transaction or a series of transactions (OTHER THAN any allotment or issues of shares on the exercise of any options that have been granted by the Company).

For	Against	Abstain
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Proposal 2: Authorization of each of the directors and officers of the Company to take any and every action that might be necessary to effect the foregoing resolutions as such director or officer, in his or her absolute discretion, thinks fit.

For	Against	Abstain
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Dated: _____, 2017

Shareholder Name:

Signature

This Proxy Card must be signed by the person registered in the register of members of the Company at the close of business on November 24, 2017, local time. In the case of a corporation, this Proxy Card must be executed by a duly authorized officer or attorney.

NOTES

1. A proxy need not be a shareholder of the Company. A shareholder entitled to attend and vote at the Meeting is entitled to appoint one or more proxies to attend and vote in his/her stead. Please insert the name of the person(s) of your own choice that you wish to appoint proxy in the space provided, failing which Mr. William Wei Huang of the Company will be appointed as your proxy.
2. Whether or not you propose to attend the Meeting in person, you are strongly advised to complete and return this form of proxy in accordance with these instructions. To be valid, this form must be completed and deposited (together with any power of attorney or other authority under which it is signed or a certified copy of that power or authority) to the attention of Cathy Zhang, Legal Counsel, GDS Holdings Limited, East Unit, South Tower, 5th Floor, 1st Building, No. 20, Lane 91, E Shan Road, Pudong, Shanghai 200127, P.R.C., +86-21-51186944, as soon as possible and in any event not later than 48 hours before the time for holding the Meeting or any adjourned meeting. Returning this completed form of proxy will not preclude you from attending the Meeting and voting in person if you so wish and in such event, the proxy shall be deemed to be revoked.
3. If two or more persons are jointly registered as holders of a share, the vote of the senior person who tenders a vote, whether in person or by proxy, shall be accepted to the exclusion of the votes of other joint holders. For this purpose, seniority shall be determined by the order in which the names

stand on the Company's register of members in respect of the relevant shares. The senior holder should sign this form, but the names of all other joint holders should be stated on the form in the space provided.

4. If this form is returned without an indication as to how the proxy shall vote, the proxy will exercise his/her discretion as to whether he/she votes and if so how.
 5. This form of proxy is for use by shareholders only. If the appointor is a corporate entity this form of proxy must either be under its seal or under the hand of some officer or attorney duly authorized for that purpose.
 6. Any alterations made to this form must be initialed by you.
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